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Descriptive Catalogue
of
**VEGETABLE
and FLOWER
SEEDS**



1927

**JOHN LIVINGSTONE
COMPANY, Inc.**

*Horticultural
and Agricultural
Supplies*

87 Barclay Street, New York

Telephone, Walker 8379

U. M. Shoemaker

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John Livingstone Co., Inc.

*Horticultural and Agricultural
Supply House*

87 BARCLAY ST. NEW YORK, N. Y.

Telephone, Walker 8379



IN issuing this catalog, we are desirous of emphasizing to our many friends and prospective patrons the wide and comprehensive character of our business, which covers the whole field of Horticulture and Agriculture.

VEGETABLE AND FLOWER SEEDS. We have endeavored to place before you, under each heading, only those which in our opinion are the best and most worth while varieties of their kind, eliminating many sorts which have dropped out of public favor. In this department, we continue to carry, however, for the convenience of our customers, many varieties which are not listed, and in addition to our own selected stocks we have arranged for a full supply of imported specialties, which will be supplied when specifically called for.

GRASS SEED. We specialize in lawn mixtures, hay and pasture mixtures and grass seeds for golf courses, etc. All seed of highest quality.

FIELD SEEDS. Alfalfa, timothy, clovers, seed oats, rye, wheat, etc.

NURSERY STOCK. Trees, shrubs, roses, evergreens, hedge plants, perennials, etc. Send us a list of your requirements for quotation.

LIVE STOCK. Prize registered stock of all breeds can be supplied. Any information wanted will be gladly given by competent authority.

FARM DAIRY and STABLE EQUIPMENT.

LANDSCAPE CONTRACTING. Grading, sodding, seeding, fence construction, etc.

GARDENERS AND SUPERINTENDENTS. We only recommend men personally known to us. No charge is made to either the employer or employee.

BULBS PLANTS FERTILIZERS
GARDEN AND FARM IMPLEMENTS
INSECTICIDES, INCUBATORS
DAIRY SUPPLIES, ETC.

Prices listed are subject to change in accordance with market conditions

We solicit your trade, and our competent staff is at your service at all times to advise upon any phase of our business on which you may desire information.

JOHN LIVINGSTONE COMPANY, INC.

We Deliver Free

all flower and vegetable seeds by the packet, ounce, $\frac{1}{4}$ pound or pound anywhere in the United States by Parcel Post, express or freight at our option; also some other items as specifically mentioned in body of catalog. All other articles are strictly net, transportation charges not included.

Goods by Mail or Express

If wanted by mail in the United States, add postage according to zone rate, except for goods subject to free transportation, as above. In view of the greater safety, it will be found best to send parcels of 15 pounds or over by express. Seeds can be sent C. O. D. when **25 per cent of the amount is remitted with order**. Potatoes, onion sets, or other perishable articles, fertilizers or insecticides cannot be sent C. O. D.

John Livingstone Co. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Orders

Orders should be written on our order sheet or on a blank sheet separate from letter, **preferably in ink**, and, to receive prompt attention, should be **directed to the firm**. Orders from new customers should be accompanied by cash, stamps, money order or check.

Prices

The prices quoted are net, and subject to change without notice, some items having a tendency to fluctuate in accordance with crop conditions, etc.

Name, Address, Etc.

We beg our correspondents to give us on **each** order the **correct name and address**, also to indicate **very precisely** the means of carriage which they prefer—**mail, express, or freight**—and the office or railroad station which best serves their locality. In case these directions are not followed out, we shall, of course, choose the most advantageous and convenient mode of shipment.

SPECIALTIES IN VEGETABLE SEEDS

ASPARAGUS

Pedigreed Washington. Practically rustproof, produces large, luscious stalks of finest quality. Dark green. Strong, 2-year-old roots. Seed: Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$4.00.

BEET

Early Wonder. Roots very uniform, nearly globe-shaped, with small top, skin dark red, flesh deep blood red. Excellent for early or late planting. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

BUSH BEANS

Masterpiece (Suttons). One of the best dwarf Beans. Extra early and perhaps the best for forcing. Pods are straight, handsome and tender. Pt. 75c., qt. \$1.50.

Early Mohawk. Long, straight, flat pods; early, hardy and productive. Pt. 30c., qt. 60c., 4 qts. \$2.25.

Burpees Bush Lima. A perfect bush form of the large Lima. Pods are enormous, often measuring 5 to 6 in. in length. Very productive. Pt. 50c., qt. 95c.

CAULIFLOWER

Extra Early Snowball. The best for forcing under glass or for open ground. Extremely dwarf; producing wonderful white heads. Pkt. 25c., $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

Earliest Dwarf Erfurt. The best and earliest for forcing or open ground. Pkt. 50c., $\frac{1}{4}$ oz. \$2.50, oz. \$8.00.

CELERY

Easy Blanching. Without exception, is probably the most important Celery introduction in recent years. The stalks are broad, fine grained and crisp, with a big heart that blanches a beautiful white with yellow leaf tips. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

MUSKMELON

Honey Dew. New. Large, round, light-colored Melon; delicious, rich green flesh; sweet as honey. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

LETTUCE

Little Gem. The best small head variety grown. Very compact. It is a true, all head Lettuce. Very tender and crisp. Pkt. 15c., oz. 60c.

Improved Big Boston. Heading variety of splendid flavor. Fine for forcing in coldframes or open ground. Pkt. 10c., oz. 30c.

Improved May King. Extra large, round, solid heads, very tender. Good for outdoors or under glass. Pkt. 10c., oz. 30c.

Livingstone's Private Estate. Fine Cabbage head variety. Recommended for frames. Pkt. 25c., oz. 75c.

ONION

Ailsa Craig. Extra selected strain. Flesh white; a good keeper and valuable for exhibition. Pkt. 25c., $\frac{1}{2}$ oz. 75c., oz. \$1.50.

Cranstons Excelsior. A favorite exhibition variety of large size. Pkt. 25c., $\frac{1}{2}$ oz. 75c., oz. \$1.50.

SPECIALTIES IN VEGETABLE SEEDS—Continued

PEAS

Early Bird. A grand, early, round, smooth-seeded variety. It bears a very heavy crop of large pods, well filled with delicious, marrow-flavored peas. 3 ft. Pt. 60c., qt. \$1.20, 4 qts. \$4.50.

Suttons V. C. The biggest and best new variety. Pods measure 8 to 9 in. Height 5 to 6 ft. Second early variety. Excellent for exhibitions. Pt. \$1.25, qt. \$2.00.

RADISH

Early Scarlet Globe. A popular variety for forcing or outdoor planting. Pkt. 10c., oz. 20c., 4 ozs. 75c.

TOMATO

Livingstone's Globe. Especially adapted to slicing; very solid; a handsome red, and a great producer; one of the best. Pkt. 10c., ½ oz. 25c., oz. 50c.

NOVELTIES and SPECIALTIES IN FLOWER SEEDS

ANTIRRHINUM

GREENHOUSE FORCING VARIETIES

Seeds saved from selected spikes grown under glass.	Pkt.
Keystone. Fine forcing pink.....	\$0.75
Nelrose. Beautiful coral-pink. A splendid variety for greenhouse growing.....	.50
Silver Pink. A most pleasing color. Soft pink, with silvery sheen.....	.50
Phelps White. Undoubtedly the best white. Fine for forcing.....	.75
Philadelphia Pink. Popular pink.....	1.00
Geneva Pink. Beautiful pink.....	1.50

GOLDINGS OWN

Beautiful new Snapdragon. Color salmon-buff, greenhouse strain. Excellent bloomer.
Pkt. 75c.

Plants of the above varieties, from 2¼-in. pots,
doz. \$2.50, 100 \$15.00

AQUILEGIA (Columbine)

Mrs. Scott Elliotts Long-spurred Hybrids. This strain is the best yet introduced. The blooms are very large and the spurs very long. Magnificent range of color. Extra choice.....
Pkt. \$0.50

ASTERS

Improved Anemone-flowered.

	Pkt.		Pkt.
White.....	\$0.25	Pink.....	\$0.25
Blue.....	.25	Lilac.....	.25
California Giants. A novelty of merit. Their immense size and beauty, as well as their long and sturdy stems make them very attractive when arranged in floral work.			
	Pkt.		Pkt.
Peach Blossom.....	\$0.25	Deep Rose.....	\$0.25
Light Purple.....	.25	Dark Purple.....	.25

NOVELTIES and SPECIALTIES IN FLOWER SEEDS—Continued**ASTERS—Continued**

American Beauty (New Giant). Giant branching type with large, full flowers and incurved petals. Most desirable for cutting.

	Pkt.		Pkt.
Lavender.....	\$0.25	September Pink,	
Azure Blue.....	.25	shell-pink.....	\$0.25
Purple.....	.25	Rose.....	.25
White.....	.25	Mixed.....	.25

Collection of 1 pkt. each of 6 varieties, \$1.25.

CALENDULA

Scotch Double Strain Orange King.	Extra select....	Pkt. \$0.25
Scotch Double Strain Lemon Queen.	Extra select..	.25

CARNATION

Early-flowering Perpetual. Plants bloom in about five months from sowing and continue to bloom until the end of Summer. The flowers are very double, of large size. The calyx does not split. They are borne on stiff stems 15 to 18 in. high. This is a special selection we located at a French grower who has paid considerable attention to this type. Our strain will produce 90 per cent double flowers and comes true to color.

	Pkt.		Pkt.
White.....	\$0.50	Deep Rose.....	\$0.50
Yellow.....	.50	Scarlet.....	.50
Rose Pink.....	.50	Maroon.....	.50
Flesh Pink.....	.50	Copper Red.....	.50

Collection, 1 pkt. each, 8 varieties, \$2.50

CENTAUREA

Imperialis (Giant Cornflower, or Sweet Sultan). The finest for cut flower purposes; gigantic, beautiful, sweet-scented flowers borne on long stems.

	Pkt.		Pkt.
Deep Rose.....	\$0.15	Brilliant Pink.....	\$0.15
Lavender.....	.15	Purple.....	.15
Lilac.....	.15	White.....	.15
Choice Mixed.....			.15

Collection of 1 pkt. each of 6 varieties, 75c.

DOUBLE COSMOS

The double flowering Cosmos are becoming very popular. Will commence blooming in July and continue until frost. The flowers are very attractive.

Pink Beauty	Pkt. \$0.25
Crimson King	.25
White Queen	.25
Malmaison Pink	.25

CINERARIA

Hybrida, Giant-flowering Extra Choice	Pkt. \$1.00
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CYNOGLOSSUM

Blue Gem. Early-flowering biennial producing large sprays of Forget-me-not flowers. Fine for dwarf borders. Height 18 in.....	Pkt. \$0.35
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DAHLIA

Double-flowering Exhibition Strain, Mixed. Saved from fine show sorts.....	Pkt. \$1.00
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NOVELTIES and SPECIALTIES IN FLOWER SEEDS—Continued

DELPHINIUM

	Pkt.
Wrexham Strain, Selected Mixed Hybrids.....	
	5 pkts. \$3.50, \$0.75

LUPINES

HARKNESS "REGAL" HYBRIDS

An entirely new strain, comprising a wonderful range of previously unknown colors among perennial Lupines.

	Pkt.
Apricot Shades.....	\$0.50
Bronze and Copper Shades.....	.50
Creamy Pink Shades.....	.50
Light Yellow Shades.....	.50
Red and Mahogany Shades.....	.50
Yellow Shades.....	.50
Mixed Shades.....	.50

Collection, 1 pkt. each, 6 shades, \$2.50.

NEMESIA

	Pkt.
Suttons Extra Selected Hybrids.....	\$0.60

MIGNONETTE

	Pkt.
Giant Red. For indoor growing. Selected greenhouse strain.....	\$0.50
N. Y. Market. For indoor growing. Selected greenhouse strain.....	.75

PANSY

	Pkt.
Oregon Giants. A very fine mixture of giant type....	\$0.50
Livingstone's Supreme, Exhibition Mixture.....	
	1/8 oz. \$2.50, \$1.00

STOCK

	Pkt.
Lenox Strain, Greenhouse-grown. This seed is selected with the greatest care and ought to produce a large percentage of doubles.	
White, Pink, Purple.....	Each \$1.00

STATICE (H.H.P.)

	Pkt.
Perezi. Bright blue, for borders and greenhouse....	\$0.50

SIDALCEA (H.P.)

	Pkt.
Starks Hybrids. Good border plant, easily raised from seed. Includes all shades. Blooms from June to Sept.	\$0.50

ZINNIAS

GOLD MEDAL DAHLIA-FLOWERED

	Pkt.
Exquisite. Light rose with center a deep rose.....	\$0.25
Illumination. A striking color of deep rose.....	.25
Golden State. Yellow, turning to an attractive orange	.25
Crimson Monarch. By far the largest and best of the red shades.....	.25
Giant Attraction. A distinct shade of brick-red....	
Polar Bear. A very large pure white.....	.25
Old Rose. Old rose shades.....	.25
Buff Queen. Canary-yellow.....	.25

Collection, 1 pkt. each, 8 varieties, \$1.75

VEGETABLE SEEDS

ARTICHOKE

One ounce will produce 500 plants

Sow seeds early in Spring, and when large enough transplant into rows 4 feet apart and 2 feet apart in the rows.

Jerusalem Artichoke. Roots. Qt. 40c., peck \$2.50.

Large French Globe. Seed. Pkt. 25c., oz. \$1.50.

Large French Globe Plants. Ready after May 1st. Doz. \$3.00, 100 \$20.00.

ASPARAGUS SEED

One ounce will sow about 50 feet of drill

Seed should be sown early in Spring as soon as the soil is in good working condition.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Columbia Mammoth White	\$0.10	\$0.25	\$0.50
Conover's Colossal. The standard sort...	.10	.25	.50
Palmetto. Large, bright green	.10	.25	.50
Pedigreed Washington. New, rust-resistant	.25	.50	1.50

ASPARAGUS ROOTS

	100	1000
Conover's Colossal		
2-year-old roots	\$1.50	\$12.00
3-year-old, extra strong, transplanted roots...	3.50	30.00
Palmetto.		
2-year-old roots	1.50	12.00
3-year-old, extra strong, transplanted roots...	3.50	30.00

We strongly recommend our 3-year-old transplanted roots for quickest and best results.

Pedigreed Washington. This new strain was developed by the U. S. Dept. of Agriculture. It is rust-resistant and produces large, straight, dark green shoots, with tight, firm tips which do not open until well out of the ground. Extra large, selected roots. 4.50 40.00

BEANS

Culture.—Plant about 1st of May.

One quart to 100 feet of drill, one to one and one-half bushels to the acre, in drills

One pint is equivalent to one pound

DWARF GREEN-PODDED SNAP BEANS

	Pt.	Qt.	4 qts.	Pk.
Bountiful. One of the best green-pod sorts; extra early, very prolific and long-bearing; long, broad, flat green pods, tender and stringless...	\$0.40	\$0.70	...	\$5.00
Early Mohawk. Early variety, long flat pods, good forcer	.30	.60	2.25	...
Carter's "Magpie." Very prolific, pods long and tender, excellent for forcing	1.00	1.90	...	...
Masterpiece (Sutton's). A superior green, round-podded variety; very prolific; long, straight, stringless pods; very early, fine forcer	.75	1.50	5.00	...
Valentine, Extra Early. Hardy, vigorous and upright in growth; round, thick, solid pods; tender; fine flavor	.30	.60	...	4.50
Longfellow. Very handsome, nearly stringless, beautiful green pods, 7 to 8 in. long, straight and round; very prolific	.35	.60	...	...

DWARF GREEN-PODDED SNAP BEANS—Continued

	Pt.	Qt.	4 qts.	Pk.
Refugee, Extra Early. Has all the superior qualities of the famous Refugee, and is fully two weeks earlier in podding. Pods round, light green, extra fine, and borne profusely.....	\$0.30	\$0.60	...	\$4.50
Six Weeks, Long Yellow. Early, full, flat pods of good quality.....	.40	.70	...	4.50
Stringless Green Pod, Giant. Improved, long-podded strain; round pods, light green.....	.40	.70	...	5.00
Valentine, Black. Resembles the Valentine, but with black seed; long, round, solid pods; very tender and of good flavor; very early and productive.....	.30	.60	...	4.50
Dwarf Horticultural. Late and productive; broad, flat, stringless pods.	.35	.60	...	4.50
Green-seeded Flageolet. Only used as a "shell bean" when green. Beans tender and of fine flavor....	.40	.75	...	...
Refugee Late, or 1,000 to 1. Medium to late; very productive and tender; long, green, round pods of exquisite flavor.....	.30	.60	...	4.50
White Marrow. Used in a dry state in Winter.....	.30	.60	2.00	...
Red Kidney. Long, flat pods; good both green and dry; fine variety for baking.....	.30	.60	2.00	4.00
White Kidney. Excellent either green or ripe, as a shell bean.....	.30	.60	2.00	...

DWARF WAX BEANS

	Pt.	Qt.	Pk.
Black Wax, Improved Prolific. Very early and prolific. The pods are round, full, stringless and of fine quality.....	\$0.30	\$0.60	\$4.50
Davis Kidney Wax. Long, handsome, waxy white, flat pods; vigorous and upright in growth.....	.30	.60	4.50
Golden Wax, Improved. Very early; flat pods; stringless, prolific, upstanding, hardy and less liable to blight or rust ..	.40	.70	5.00
Hodson Wax. Very large, brittle, tender, flat wax pods; very productive; late.....	.40	.70	5.00
Wardwell's Kidney Wax. Early; long, flat, purely wax pods and of handsome appearance; stringless, of fine quality....	.30	.60	4.50

DWARF or BUSH LIMA BEANS

One quart will plant 100 hills

	Pt.	Qt.	4 qts.
Burpee's Improved Bush Lima. Much larger and thicker pods and beans.....	\$0.50	\$0.95	\$3.75
Fordhook Bush Lima. Immense pods and plump beans; a strong grower and very prolific, erect stems, upright and branching.....	.60	1.10	4.35
Henderson's. A dwarf, compact growing variety, with large clusters of pods, containing very small, flat beans.....	.50	.95	3.75
Wonder Bush Lima. Early and productive; fine flavor; an immense yielder....	.50	.95	3.75

ENGLISH DWARF BEANS

	Pt.	Qt.
Broad Windsor. Largest and best of the class; thick stem and pods.....	\$0.40	\$0.80

POLE LIMA*One quart will plant 100 hills*

	Pt.	Qt.	Pk.
Lima, Challenger. Thick and productive; best of all, yielding more than any other Lima.....	\$0.40	\$0.75	\$5.50
Lima, Carpinteria Pole. Large; thicker than ordinary Pole Limas; vigorous, large, flat beans.....	.40	.75	5.50
Lima, Early Jersey. Very early, beans are large and tender.....	.40	.75	5.00
Lima, King of the Garden. Pods and beans very large.....	.40	.75	5.50

POLE or RUNNING

	Pt.	Qt.	Pk.
Golden Cluster Wax. Long yellow pods in clusters.....	\$0.40	\$0.75	...
Horticultural Cranberry. Good snap or shell bean.....	.40	.75	\$5.00
Old Homestead, or Kentucky Wonder. Pods green, very long and flat.....	.40	.75	5.00
Scarlet Runner. The popular English Pole Bean, scarlet flowers; useful also for ornamental purposes.....	.40	.75	...

BEET

Culture.—Sow as early in the Spring as the ground can be worked.

One ounce to 50 feet of drill, five or six pounds to the acre

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Bassano, Extra Early. Light color, very sweet, tender.....	\$0.10	\$0.25	\$0.75	\$2.00
Selected Crimson Globe. Globular shape; root clean and smooth, few leaves, flesh rich, deep crimson; tender and sweet.....	.10	.25	.75	2.00
Eclipse. Early, round, bright red. Heavy yielder.....	.10	.20	.60	1.75
Egyptian, Crosby's. Extra early, round, dark blood color.....	.10	.20	.60	2.00
Detroit Dark Red Turnip. Round, skin dark blood-red, flesh bright red, tender.....	.10	.20	.60	2.00
Early Blood Turnip. Dark red, fine flavor, good for Winter. Round, smooth, clean root.....	.10	.20	.60	1.75
Edmand's Blood Turnip. A market gardeners strain; regular in shape and of best quality.....	.10	.20	.60	1.75
Swiss Chard, or Silver Beet, Lucullus. Large leaves; tender and of fine flavor, dark green, pure white ribs.....	.10	.20	.60	1.75

MANGEL-WURZEL and SUGAR BEET

Culture.—Sow in May or June, in rows 18 inches to 2 feet apart and thin to 8 to 12 inches in the rows. Sow 6 to 8 lbs. per acre.

	$\frac{1}{4}$ lb.	Lb.
Golden Tankard. Large, bright yellow skin, handsome, sweet and productive.....	\$0.30	\$1.00
Mammoth Long Red Mangel-Wurzel. Very large, enormously productive. Roots grow half or more above surface.....	.30	1.00
Klein Wanzleben. Rich in sugar content; also grown extensively for stock.....	.30	1.00
Champion Yellow Globe. Large, productive and a good keeper.....	.30	1.00

BORAGE

Culture.—Sow in the Spring in light soil; transplant in shallow drills, 1 foot apart.

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00

BROCCOLI

Cultivate same as Cauliflower.

	Pkt.	Oz.
Early Purple Cape	\$0.10	\$0.75
Early White Cape	.10	.75
Walcheren	.10	.75
Italian Sprouting Green ¼ oz.	\$1.50,	.25 5.00

BRUSSELS SPROUTS

Culture.—For early crop, as soon as ground is fit, sow thinly ½ inch deep in seed bed with rows 1 foot apart. Thin to 2 inches or more apart; transplant in June so that plants stand at least 1 foot apart and rows 1½ feet apart.

	Pkt.	Oz.	¼ lb.
Exhibition Dalkeith. Of dwarf growth, producing large, solid sprouts.....	\$0.10	\$0.60	\$2.00
Dwarf, Improved. About 12 in. high; very productive; large, solid sprouts growing even from the top of the stem.....	.10	.50	1.75
Long Island Improved. Compact heads, very productive.....	.10	.50	1.75

CABBAGE

One ounce will produce 3000 plants

For early use sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use sow the seed in May.

	Pkt.	Oz.	¼ lb.
Copenhagen Market. The finest large, round-headed, early Cabbage. Very solid; of fine quality; short-stemmed....	\$0.10	\$0.60	\$2.00
Early Jersey Wakefield, Selected Stock. The heads are extremely solid, pyramidal in shape, and of most excellent quality..	.10	.60	2.00
Charleston Wakefield. Large strain of the above, tender, pointed head.....	.10	.60	2.00
Early Summer. Second early; produces large, solid heads of finest quality.....	.10	.60	2.00
Succession, Improved. Excellent second-early sort; large, solid heads.....	.10	.75	2.75
Premium Late Flat Dutch. A standard variety of the popular late flat Dutch...	.10	.50	1.75
Danish Ballhead Winter, Short Stem. Very round, solid Winter sort.....	.10	.60	2.00
All Seasons. Intermediate, heads are hard, round, flattened on top.....	.10	.60	2.00

RED CABBAGE

	Pkt.	Oz.	¼ lb.
Early Blood Red Erfurt. A very early, hard-headed variety.....	\$0.10	\$0.75	\$2.50
Mammoth Rock Red. A large, solid-heading variety of a deep red color; fine for pickling.....	.15	.85	3.00
Red Dutch. A standard variety; heads medium size; a good keeper; used for pickling.....	.10	.60	2.00

SAVOY CABBAGE

	Pkt.	Oz.	¼ lb.
Early Dwarf Ulm. A very early dwarf sort.....	\$0.10	\$0.75	\$2.50
Perfection Drumhead. A selected strain of American Drumhead. The best for private use.....	.15	.85	3.00
Chinese (Pe-Tsai). Commonly known in the markets as Celery Cabbage; blanches white; used in salads or cooked.....	.10	.50	1.75
Wong-Bok (Chinese Celery Cabbage). With a delicate Cabbage flavor.....	.10	.50	1.75

CARROT*One ounce will sow 100 feet of drill*

Pkt. Oz. ¼ lb. Lb.

Parisian Forcing. Early; tender and sweet; fine for early and late crops, also for frames; short, broad, smooth.....	\$0.10	\$0.30	\$0.75	\$2.75
Scarlet Horn, Early. Very thick roots; fine for frame; popular kitchen variety.....	.10	.20	.60	2.50
Chantenay, Half-long, Stump-rooted. Style of Nantes, broader shoulder.....	.10	.20	.60	2.00
Danvers Half Long. Large, productive; orange color.....	.10	.15	.50	1.50
Half-long, Stump-rooted, True Nantes Strain. One of the most popular sorts.....	.10	.20	.60	2.00
Oxheart Half-short (Guerande). Very thick and short; large, but tender.....	.10	.20	.60	2.00
Long Orange. Best for stock feeding, green top; keeps well.....	.10	.15	.50	1.50
Improved Danvers. A half-long, stump-rooted variety of a dark orange color. A heavy cropper. Very desirable for table use.....	.10	.20	.60	2.00

CARDOON

Large Solid. Grows about 4 ft. high.....	.10	.50	1.50
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CAULIFLOWER*Culture.*—Sow the seed in a hotbed in January or February.*One ounce will produce 3000 plants*

Pkt. ¼ oz. Oz.

Extra Early Dwarf Erfurt. The best and earliest for forcing; very dwarf and compact, with short stem and small leaves; exceedingly fine flavored.....	\$0.50	\$2.50	\$8.00
Early Snowball. A large strain of finest quality.....	.25	1.50	5.00
Extra Early Paris. Heads medium size; first class.....	.15	.30	1.00
Algiers, Large Early. Large, white heads.....	.15	.35	1.50
Autumn Giant. Vigorous in growth; very large; late.....	.15	.35	1.50

CHERVIL*Culture.*—Sow as soon as the ground can be worked, in well prepared ground and moist situation. Thin early to 8 or 10 inches in the row.

Pkt. Oz. ¼ lb.

Curled. Leaves used for flavoring soups and stews, and for garnishing; early and ornamental.....	\$0.10	\$0.40	\$1.25
Plain. Leaves much divided but not curled; fine, aromatic flavor.....	.10	.40	1.25

CHICORY

Chicory is cultivated chiefly for its roots. The leaves, when blanched, make an excellent salad.

Pkt. Oz. ¼ lb.

Large Rooted. The young leaves are used for salad.....	\$0.10	\$0.40	\$1.25
Witloof, or French Endive. A most desirable Winter salad.....	.10	.50	1.50

COLLARDS*Culture.*—Sow in a rich, moist soil, as for Cabbage, in June, July and August for succession. Transplant when a month old in rows a foot apart each way and hoe often.

Pkt. Oz. ¼ lb. Lb.

Georgia. Best for warm weather...	\$0.10	\$0.20	\$0.60	\$2.00
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CELERY

Culture.—Sow seed early in April, in an open border, in good, rich soil, in drills 8 inches apart. Early in July, transplant to trenches 3 feet apart and 6 inches apart in the rows.

One ounce will produce 3000 plants

Pkt. Oz. $\frac{1}{4}$ lb.

Improved White Plume. Naturally white or light foliage, requires but little banking up to blanch; very early and extensively grown for market.....	\$0.15	\$1.00	\$2.75
Golden Self-blanching. Our finest strain.	.25	1.75	5.00
New Easy Blanching. Early; blanches quickly; vigorous grower; keeps a long time. Good for home or market.....	.20	2.00	6.50
Perfection Heartwell. One of the finest Winter varieties, either for family or market garden. The heart is golden yellow..	.10	.60	2.00
Giant Pascal. An easily blanched and fine-keeping, large, late sort.....	.10	.50	1.75
Pink Plume. Tinged with red; attractive, rich flavor, long keeper.....	.10	.60	2.00
Winter Queen. Very large, solid, green Winter sort; blanches well.....	.10	.75	2.25
CELERIAC, Giant Prague. Very large roots; for soups and stews; when cooked and sliced makes fine Winter salad.....	.10	.50	1.50

SUTTON'S "SOLID WHITE

Best for main crop, very large and sweet. Award of merit. Pkt. 60c.

CORN, SWEET

One quart will plant 200 hills, eight to ten quarts for an acre in hills

EXTRA EARLY

	Pt.	Qt.	Pk.
Nordheim Extra Early. Earliest and finest of all. 7 in. long, 8 to 10 rows of large kernels, white and very sweet.....	\$0.40	\$0.75	\$4.50
Golden Bantam. Extra early, yellow, very sweet and tender.....	.40	.75	4.50
Golden Giant (De Luxe). Large ears; fine quality, small cob.....	.50	.90	...
Mammoth White Cory. Ears double the size of the old Cory and better in flavor; 12 rows of kernels.....	.30	.50	3.50
Minnesota. Nearly as early as Cory, but with larger ears; white.....	.30	.50	3.50

SECOND EARLY

	Pt.	Qt.	Pk.
Early Mammoth. Large ears, fine quality, not very late.....	\$0.30	\$0.50	\$3.50
Howling Mob. An early Corn of large size; white and sweet.....	.40	.75	4.50
Long Island Beauty. Large, valuable market sort, $9\frac{1}{2}$ in. long; 16 rows of large kernels.....	.40	.75	4.50

GENERAL CROP

	Pt.	Qt.	Pk.
Stowell's Evergreen. One of the most popular varieties. 8 in. long, 8 to 12 rows of medium large kernels.....	\$0.40	\$0.75	\$4.50
Golden Evergreen. Very sweet, round grains; beautiful variety of fine quality..	.40	.75	4.50
Black Mexican. Very sweet of superior flavor; grains bluish black.....	.40	.75	4.50
Country Gentleman. Ears 8 in. long; grains irregular, not in rows. Small cob, and very long, white, slender deep grains.	.40	.75	4.50

CORN SALAD

Sow during August or early September, in drills $\frac{1}{4}$ inch deep and 6 inches apart for Spring use.

Large-seeded, Broad-leaved. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

CRESS

Culture.—Sow in Spring, every two or three weeks. Begin to sow again from the middle to the end of August every week or two for Fall succession.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Curled, or Pepper Grass	\$0.10	\$0.15	\$0.50	\$1.50
True Water Cress	.25	1.00	2.50	...

CUCUMBER

Culture.—Plant in hills 4 feet apart, putting a shovelful of well rotted manure in each hill.

One ounce will plant 50 hills

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Davis Perfect. Fine for forcing or for outdoors. The fruit is long and straight, and being a comparatively shy seeder, is very valuable for slicing.....	\$0.10	\$0.25	\$0.75
White Spine, Improved. A handsome and uniform early variety.....	.10	.25	.75
Everbearing. Small-sized; very early and enormously productive; valuable as a green pickler.....	.10	.25	.75
Cool and Crisp. Extra early and very prolific; long, straight, slender and very dark green; good either for pickling or slicing; long cropper.....	.10	.25	.75
Long Green, Improved. Long and crisp, a popular variety for pickles.....	.10	.25	.75
Green Prolific Pickling. One of the best for pickling; dark green.....	...	.20	.60
Japanese Climbing. A strong grower; fine for pickling.....	...	.25	.75
Gherkin. Very small bur, used for pickles.	...	.25	.75

ENGLISH FORCING CUCUMBERS

	Pkt.
Covent Garden Favorite	\$0.50
Lockie's Perfection	.35
Sutton's Matchless	.50
Sutton's Telegraph Improved	.50
Sutton's Delicacy	.75

EGGPLANT

Culture.—Seed should be sown in hotbed or warm greenhouse in March or April. Plant out about June 1st, $2\frac{1}{2}$ feet apart.

One ounce will produce about 2000 plants

	Pkt.	Oz.
Improved New York Spineless. Oval, deep purple; early and productive.....	\$0.10	\$0.75
Black Beauty. As large as the New York Improved, but about 10 days earlier; purplish black, spineless.....	.10	.75
Sutton's Long Purple. Length 9 inches or more.	.50	....

DANDELION

Culture.—Sow in early Spring in drills $\frac{1}{2}$ inch deep and 18 inches apart; thin out the plants to 12 inches.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Improved French. Large, thick leaves....	\$0.10	\$0.75	\$2.50

ENDIVE

Culture.—Sow in June, July or August, in good, rich garden soil; cover lightly; when up, thin out to 8 or 10 inches apart and water well.

	Pkt.	Oz.	¼ lb.
Green Curled Winter. Standard sort for Fall and Winter crop.....	\$0.10	\$0.35	\$1.00
White Curled. For early use.....	.10	.35	1.00
Broad-leaved Batavian (Escarolle). Grows large hearts which blanch easily..	.10	.35	1.00

KOHLRABI

Culture.—Cultivate the same as for Cabbage.

One ounce will sow 200 feet of row, four pounds will produce plants for one acre

	Pkt.	Oz.	¼ lb.	Lb.
Early White Vienna. Handsome very delicate in flavor.....	\$0.10	\$0.35	\$0.90	\$3.00
Early Purple Vienna. Similar to the preceding, except in color.....	.10	.35	.75	..

KALE or BORECOLE

Culture.—Cultivated and grown exactly like Cabbage.

One ounce will do for a 100-foot row

	Pkt.	Oz.	¼ lb.	Lb.
Curled Dwarf Green. Very dwarf and spreading best strain; largely grown in the South, being sown in August and September.....	\$0.10	\$0.30		
Curled Tall Green Scotch. A taller growth...	.10	.30		
Curled Siberian, Improved. Green curled; hardy.....	.10	...		
Sutton's A-1. Deep green, curled leaves, heads moss-like.....	.50			

LEEK

Culture.—Sow very early in Spring, in drills 6 inches apart and 1 inch deep.

One ounce to 100 feet of drill

	Pkt.	Oz.	¼ lb.
Selected Large American Flag. Hardy and productive.....	\$0.10	\$0.35	\$0.85
Musselburgh. Similar to above.....	.10	.35	...
Sutton's Prizetaker. Excellent for exhibi- tion.....	.75	...	..

LETTUCE

Culture.—Sow the seed in hotbeds in February or March and transplant out in rows 8 inches apart as soon as the ground can be worked.

One ounce will sow 100 feet of drill

	Pkt.	Oz.	¼ lb.
May King. Extra large, solid heads; light green outside, with clear yellow heart; very tender and of fine flavor; splendid forcer.....	\$0.10	\$0.45	\$1.25
Big Boston. Strictly cabbage-heading; buttery flavor; heads are broad, slightly pointed and hard. Fine for forcing.....	.10	.45	1.25
Grand Rapids Forcing. Forms loose, rounded clusters of leaves close enough together for blanching. Fine for forcing under glass.....	.10	.35	1.00
New York or Wonderful. Grows con- siderably larger than Iceberg and matures about 10 days later. The outer foliage is a distinct, dark green as compared with the yellowish green of Iceberg. Lb. \$5.00	.15	.65	1.75
Mignonette. Distinct russet-colored; solid and compact.....	.10	.40	1.25
Salamander Improved. A most popular variety. It is strictly Cabbage-heading, of a buttery flavor and medium size. Forms a good solid head.....	.10	.35	1.00

LETTUCE—Continued

Wayahead. A cabbage-heading variety, Pkt. Oz. $\frac{1}{4}$ lb. buttery flavor; medium to small in size. Forms hard, compact head.....	\$0.10	\$0.45	\$1.25
Curled Simpson. A splendid, curly-leaved sort; loose heads and very tender.....	.10	.30	.85
Iceberg. It is a strictly Cabbage variety; crisp rather than buttery; large and late. Head is globular, extremely hard and well blanched.....	.10	.35	1.00
Hanson Improved. This variety is strictly Cabbage-heading and decidedly crisp; very large.....	.10	.35	1.00
Mammoth Black-seeded Butter. Of a decidedly buttery flavor. Head slightly oval, well blanched.....	.10	.35	1.00
Black-seeded Simpson. Crisp variety. Forms a firm, well-blanched, rounded cluster of leaves closely drawn together.....	.10	.35	1.00
Tennisball, Black-seeded. A decidedly buttery variety; Cabbage-heading. Fine for forcing.....	.10	.35	1.00

"LITTLE GEM"

This Little Gem grows to perfection in a space of 6 inches, and produces the most solid head of Lettuce in a remarkably short time. *It will head in all seasons*, and in serving you need not remove any leaves, because even the outer leaves are tender; you simply cut it in halves.

Pkt. 15c., oz. 60c., $\frac{1}{4}$ lb. \$1.75

ROMAINE or COS LETTUCE

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Trianon Cos. Resists heat well. Very compact plant, forming a loaf-shaped head, round at the top; well blanched; firm.....	\$0.10	\$0.40	\$1.25
Balloon Cos. Closely resembles White Paris Cos, but larger.....	.10	.40	1.25
Sutton's Mammoth White. Large and tender, self-folding.....	.50	...	...

MUSKMELON

Culture.—Melons should be planted on a rather light, rich, sandy loam. The middle of May is early enough for planting in open ground. Make hills about 6 feet apart each way. Cultivate until the vines cover the ground, and pinch the ends off the growing shoots to induce early fruiting. A few hills for early use may be had by sowing in hotbed on pieces of sod or in pots.

One ounce will plant 80 hills, three pounds is required for 1 acre

SALMON-FLESH VARIETIES

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Emerald Gem. Small, nearly round, slightly ribbed; extra early; dark green skin; thick salmon-red flesh; very sweet..	\$0.10	\$0.25	\$0.75
Hoodoo. A new orange-fleshed variety, ideal as a shipping Melon and of the very finest quality. Fruits uniformly of medium size. Rind thin yet very firm. Flesh very thick, firm, of fine texture and delicious flavor.....	.10	.35	.90
Paul Rose. Handsome oval variety; rich orange flesh; very sweet.....	.10	.30	.75
Burrell's Gem. Reddish orange flesh; fine-grained and spicy; dark green skin, slightly ribbed; thin rind; good shipper..	.10	.30	.75
Fordhook. Firm, salmon-colored flesh; small seed cavity; vigorous grower.....	.10	.30	.75
Surprise. Oblong; rich orange flesh of fine quality; early.....	.10	.40	1.25

MUSKMELON—Continued

GREEN-FLESH VARIETIES

	Pkt.	Oz.	¼ lb.
Hackensack Extra Early. Well adapted to short season localities.....	\$0.10	\$0.30	\$0.75
Long Island Beauty. On style of Hackensack. The earliest and finest in quality..	.10	.30	.75
Honey Dew. New. Large, round, light-colored Melon; delicious, rich green flesh; sweet as honey; requires long growing season.....	.10	.35	1.00
Rocky Ford. Very sweet and fine flavored; oblong.....	.10	.30	.75
Montreal Nutmeg. Sweet, green flesh; very early; named from its shape.....	.10	.35	1.00
Hybrid Cassaba. A vigorous grower and enormous yielder; melons of large size and unsurpassed flavor; skin is green until the fruits begin to ripen, when it turns to a light yellow; rich and luscious.....	.15	.45	1.25

ENGLISH FORCING MELONS

	Pkt.
Sutton's Scarlet. Scarlet flesh.....	\$0.80
Sutton's Superlative. Flesh scarlet.....	.80
Sutton's Emerald Gem. Green flesh.....	.80
Sutton's Hero of Lockinge. White flesh, white lacing on golden ground. Good for exhibition, grows well in coldframe or cold pit.....	.80
Sutton's King George. Scarlet flesh, skin buff yellow; melons often weigh 5 to 8 lbs.....	.80
Sutton's Royal Jubilee. Green flesh, oval-shaped, skin almost white.....	.50
Sutton's A-1. Flesh rich scarlet.....	.50
Sutton's Universal. Yellow skin, green flesh.....	.50

WATERMELON

Culture.—Treat the same as Muskmelon, except that they should be planted 8 to 10 feet apart, according to variety. Light soil is best.

	Pkt.	Oz.	¼ lb.
Cole's Early. Medium size, red flesh, green skin, roundish, oval; best for northern home gardens.....	\$0.10	\$0.25	\$0.75
Early Fordhook. Very early, bright scarlet	.10	.25	.75
Hungarian Honey. A very early sort; fine for northern latitudes, perfectly round, brilliant red flesh.....	.10	.25	.75
Kleckley Sweets. Exceedingly sweet and fine flavored; dark green skin; thin rind; flesh scarlet, solid and firm; long.....	.10	.25	.75
Sweetheart. Oval; very large; bright skin; fine quality.....	.10	.25	.75
Tom Watson. Produces Melons 16 to 22 in. long and 8 to 10 in. in diameter. The dark green rind is thin, but tough; stands shipping well. Flesh is deep red, crisp and of finest flavor.....	.10	.25	.75
Citron, Green Seed. Used for preserves.	.10	.25	.75

MUSHROOM SPAWN

Culture.—Mushrooms may profitably be grown in cellars, under benches of greenhouses, or in sheds, wherever the temperature of 50 degrees can be kept up through the Winter.

If wanted by mail, add postage

American Pure Culture Spawn. Bricks. Weight about 1 lb. each. Per brick 35c., 10 for \$3.25, 25 for \$7.00, 100 \$25.00.

Bottle Spawn. This spawn is very perishable and can only be kept in cold storage. Orders filled from the factory. Pet qt. bottle \$1.25, 12 qts. for \$12.00. One quart sufficient for about 40 sq. ft.

MUSTARD

Culture.—Sow thickly during early Spring in shallow drills. For Fall salad, sow in September.

	Pkt.	Oz.	¼ lb.
Giant Southern Curled. Very large leaves. In the South, it is sown in the Fall and used for salad in the Spring....	\$0.10	\$0.20	\$0.40
White London. Leaves used for salads while young; grows very rapidly.....	.10	.20	.40

OKRA or GUMBO

Culture.—Sow late in the Spring, after the ground has become warm, in drills 3 feet apart, where the plants are to remain.

	Pkt.	Oz.	¼ lb.
Dwarf Green Prolific. Short, thick pods; early.....	\$0.10	\$0.20	\$0.50
Perkins Mammoth. Fine strain, very long pods.....	.10	.20	.50
White Velvet. Tender, long, white pods; smooth and velvety in appearance.....	.10	.20	.50

ONION

Culture.—Sow the seed as early in Spring as practicable, in shallow drills 1 foot apart, covering with fine soil, which should be pressed down by the use of a light roller or the back of a spade.

One ounce will sow 100 feet of row, five pounds is required for 1 acre

	Pkt.	Oz.	¼ lb.
White Large Globe (Southport Strain). Very large and handsome.....	\$0.10	\$1.00	\$3.00
White Large Portugal. The standard large flat sort of the New York markets.....	.10	.50	1.50
White Queen. Pure white, small, extra early, fine for pickling.....	.10	.50	1.50
White Bermuda (True Crystal Wax). (Teneriffe-grown).....	.10	.50	1.50
Selected Yellow Prizetaker. Immense size; globe-shaped; large yielder.....	.15	.75	2.50
Yellow Ailsa Craig. A splendid Yellow Globe variety; grown largely for exhibition purposes. A great forcer.....	.25	1.00	3.50
Yellow Globe, Large (Southport Strain). The finest large yellow.....	.10	.50	1.50
Red Globe, Large (Southport Strain). The finest large red sort.....	.10	.50	1.50
Red Wethersfield, Large. Half-early, and a good keeper; large size.....	.10	.50	1.50
Red Bermuda (Teneriffe-grown).....	.10	.50	1.50
Cranston's Excelsior (Imported). The true variety, a fine show Onion, differs in color from Ailsa Craig and rather more oval in shape.....	.25	1.00	3.50
Gigantic Gibraltar. Mammoth Onion resembling Prizetaker, but grows larger..	.25	1.00	3.50

SUTTON'S SELECTED "AILSAS CRAIG"

One of the best varieties for exhibition. Pkt. 75c.

ONION SETS, Etc.

Culture.—Plant in drills about 12 inches apart and 4 inches in the row, with their tops just showing.

Prices subject to market changes

	Qt.	Pk.
Yellow Onion Sets	\$0.40	\$3.00
White Onion Sets	.50	3.75
Red Onion Sets	.40	3.00
Shallots	.50	
Garlic	Lb. 50c., 5 lbs.	\$2.00

PEAS

Culture.—For first early crop, sow in March or April, according as the ground can be worked, and at intervals of two weeks for succession. After the end of May sowing should be discontinued until beginning of August, when a profitable crop may be secured by planting the extra early varieties.

One quart will plant 100 feet of row, two bushels will plant 1 acre in rows 3 feet apart

Note.—Those marked with a (*) are wrinkled marrows.

EXTRA EARLY VARIETIES

	Pt.	Qt.	4 qts.
* Blue Bantam. Fine, extra early Pea, large pods, and well filled.....	\$0.40	\$0.75	\$3.00
Extra Early Market. Our standard market garden extra early Pea; productive and profitable. 2½ ft. high.....	.40	.75	2.75
Alaska. One of the very earliest blue Peas. 2½ ft. high.....	.40	.75	2.75
* American Wonder. Early and productive. 1 ft. high.....	.40	.75	2.75
Imported Early Bird. A very early, round seeded, fine flavored variety. Pods 4 in. long and well filled. 4 ft. high.....	.60	1.00	3.50
* Gradus, or Prosperity. One of the finest extra early Peas. Pods very large, filled with large wrinkled peas of finest quality. 3 ft. high.....	.40	.75	3.00
Suttons World Record. Early variety, pods long, well filled with dark green peas, excellent for under glass.....	1.00	1.90	...
* Laxtonian. Very large, dark green, curved pods and peas of finest flavor; great yielder; very early. 2 ft. high.....	.45	.85	3.00
* Notts Excelsior. Splendid early wrinkled sort; very prolific. 1 ft. high.....	.40	.75	2.75
* Suttons Excelsior. As early as American Wonder, with much broader pods, filled with large peas of finest flavor; very prolific. 1 ft. high.....	.45	.85	3.00
* Thomas Laxton. A cross between Gradus and one of the extra early sorts. Ripens within a day or two of the earliest round varieties; very productive; pods large. 3 ft. high.....	.45	.85	3.00

MEDIUM PEAS

	Pt.	Qt.	4 qts.
* Everbearing. Long pods, large peas, sow thinly. 2 ft. high.....	\$0.40	\$0.75	\$2.75
* McLeans Advancer. Pods long, well filled, of excellent quality. 2½ ft.	.40	.75	2.75
* Abundance. Long, round, well filled pods, containing from 6 to 8 peas of fine quality. 1½ ft.	.40	.75	2.75
Admiral Beatty. New variety, medium early. Height 4 ft. Large pods.....	1.25	2.00	...
* Dwarf Champion (Juno). Dwarf form of the popular Champion of England, with large pods; very productive. 2 ft. high..	.40	.75	2.75
Suttons Super Pea, The V. C. Largest Pea in cultivation, medium grower. Height 5 to 6 ft. Excellent for exhibitions.	1.25	2.00	...

MAIN and LATE CROP PEAS

	Pt.	Qt.	4 qts.
* Quite Content. The largest-podded Pea in existence. The pods are truly gigantic in size, measuring from 5 to 6½ in. in length and closely filled with large, sweet peas. 5½ ft. high.....	\$0.50	\$0.90	\$3.50
* Telephone. Enormous pods and peas of best quality. 4 ft. high.....	.40	.75	2.75

PEAS, MAIN AND LATE CROP—Continued

*Champion of England. One of the best-known of the older varieties. A tall-growing, green, wrinkled marrow; quality unsurpassed. 5 ft.....	Pkt.	Qt.	4 qt.
	\$0.40	\$0.75	\$2.50
Late Black-eyed Marrowfat. Very hardy and prolific. 3 ft. high.....	.40	.70	2.50

SUGAR PEAS (Edible Pods)

Sugar Peas have edible pods which are eaten when young.

	Pt.	Qt.	4 qts.
Mammoth Melting. 4 ft. high.....	\$0.50	\$0.90	\$3.50

PARSLEY

Culture.—Soak the seeds a few hours in lukewarm water and sow early in Spring, and until the middle of July, in drills 1 foot apart.

	Pkt.	Oz.	¼ lb.
Suttons Dwarf Perfection. Dwarf and compact, beautiful green color and wonderfully curled. Excellent for garnishing.	\$0.25	\$0.75	...
Champion Moss Curled. Pretty; nice for garnishing.....	.10	.20	\$0.55
Plain, or Italian	.10	.20	.50
Hamburg, Thick-rooted. Roots resemble Celeriac in flavor.....	.10	.25	.60

PEPPER

Culture.—Sow in hotbeds in March and, when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows. The soil should be light, warm and rich, but not dry.

	Pkt.	½ oz.	Oz.
Bell, Large. Bright red, largely used for pickling. Mild flavor; may be eaten as a vegetable.....	\$0.10	\$0.40	\$0.75
Chinese Giant. Very large; flesh very mild and thick; bright scarlet color.....	.15	.55	1.00
Cayenne, Long Red. Slender pods; 3 in., pungent.....	.10	.40	.75
Perfection Sweet. A very sweet Pepper, piquant flavor, not fiery; medium size; thick-skinned and of brilliant scarlet....	.10	.40	.75
Red Cherry. Cherry-shaped, used for pickles: hot.....	.10	.40	.75
Red Chili. Productive, small, red and very pungent.....	.10	.40	.75
Ruby King. Bright red, 4 to 6 in. long, mild, best for stuffing.....	.15	.55	1.00
Sweet Spanish. Large, mild, used for salad.....	.10	.40	.75
Sweet Mountain. Large, deep green, turning red when ripe, mild flavor.....	.10	.40	.75

PUMPKIN

One ounce will plant 50 hills

	Pkt.	Oz.	¼ lb.
Early Sugar. Fine-grained, sweet and prolific; small; yellow. Flattened or slightly ribbed; one of the best for pies.....	\$0.10	\$0.25	\$0.65
Large Cheese. One of the best varieties for family use.....	.10	.25	.65
Mammoth King. Salmon-orange skin; very thick bright yellow flesh; fine grained and tender. Grows to an enormous size.	.10	.25	.65
Quaker Pie. Bell-shaped, slightly crooked; very large, yellow, mottled green; yellow flesh; very prolific and a good keeper....	.10	.25	.65
Winter Luxury. Medium size, nearly round; russet yellow, very thick, light yellow flesh.....	.10	.25	.65
Connecticut Field. Very large, oval, flattened ends; red; deep yellow skin and flesh.....	.10	.25	.65

PARSNIP

Culture.—Sow early in Spring, in rich soil, in drills 18 inches apart.

Oz. $\frac{1}{4}$ lb. Lb.

Improved American Hollow Crown.

Smooth, white roots of excellent quality. \$0.20 \$0.60 \$2.00

POTATO—Certified

At the time of going to press, the Potato market is so unsettled that prices are subject to change.

We request those desiring seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Culture.—Plant as early in the Spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, and the sets 1 foot apart in the rows, covering about 4 inches deep.

Three to four barrels to the acre, one peck for 100 feet of row
Beauty of Hebron. Flesh colored skin, pure white flesh, very productive.

Bovee. Early and prolific, red skin, white flesh, of fine quality.

Dibble's Russet. Considered one of the best main crop varieties.

Carman No. 1. A popular late sort.

Early Rose. Early, productive and of excellent quality.

Gold Coin. A splendid main crop variety, very productive.

Green Mountain Improved. A well-known late sort. Skin smooth and white.

Irish Cobbler. One of the best early varieties.

Sir Walter Raleigh. Very productive; white flesh; one of the best varieties for a main crop, and is admirably adapted to general cultivation.

RADISH

Culture.—Sow as soon as the ground is dry in the Spring, in rows 8 to 12 inches apart, and $\frac{1}{2}$ inch deep, every week or ten days for a succession, up to the middle of June.

One ounce for 100-foot row

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

Turnip, Early Scarlet. Very early.

The French favorite.....\$0.10 \$0.20 \$0.50 \$1.25

Turnip, Early Scarlet White-tipped. Very early; for frames or outdoors.....

.10 .20 .50 1.25

Turnip, Early Scarlet Globe-shaped. Fine for forcing or open ground. The Radishes are almost round, of a beautiful rich scarlet, very tender and crisp.....

.10 .20 .55 1.50

French Breakfast. Pink and white; early.....

.10 .20 .50 1.25

Long Icicle. Pure white; of fine flavor; suitable for forcing.....

.10 .20 .55 1.50

White Strasburg, Summer. Very large; a popular favorite.....

.10 .20 .60 1.75

Winter Rose, Chinese Half-long. Very handsome and distinct and keeps well.....

.10 .20 .60 1.75

Winter Long Black Spanish. The popular Winter sort.....

.10 .20 .50 1.50

Winter Round Black Spanish. Fine for Winter.....

.10 .20 .50 1.50

SALSIFY

(VEGETABLE OYSTER)

Culture.—Sow as early as the ground can be worked in the Spring, in drills 12 inches apart, 1 inch deep, and thin out to 6 inches in the row.

Use one ounce to a 60-foot row, eight to ten pounds to the acre.

Mammoth Sandwich Island. Large. Pkt. 10c., oz. 40c. $\frac{1}{4}$ lb. \$1.25.

SCORZONERA

(BLACK SALSIFY)

Culture.—Cultivate the same as Salsify.Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.**SORREL***Culture.*—Sow in Spring in drills 18 inches apart, in a rich soil, and keep the flower stems cut off as they appear.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Garden, Large French	\$0.10	\$0.40	\$1.25

SWISS CHARD

(SPINACH BEET)

Culture.—Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and when large enough thin out to stand 6 inches apart in the row.**Giant Lucullus.** Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 65c., lb. \$1.75.**SQUASH***Culture.*—Sow in hills in the same manner and at the same time as Cucumbers and Melons, the Bush varieties 3 to 4 feet apart, the Running kinds from 6 to 9 feet apart.*Four ounces to 100 hills for Bush varieties; and eight ounces for Running varieties***BUSH VARIETIES**

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Golden Custard. Mammoth strain of Golden Bush. Golden yellow flesh; fine quality	\$0.10	\$0.30	\$0.75
Mammoth White Scallop Bush (Silver Custard). Produces large fruit	.10	.25	.75
Summer Crookneck, Giant	.10	.30	.75
Long Island White Bush. An improved strain of Early White Scallop Bush; very prolific	.10	.30	.75
Cocozelle Bush (True Italian Vegetable Marrow). A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green	.10	.30	1.00

RUNNING VARIETIES

Boston Marrow. Oval, bright orange, flesh yellow and fine	.10	.30	.75
Delicata. Orange-yellow, striped green; small size, but very prolific; it is extra early, solid and a good keeper; flesh dry and of fine quality	.10	.30	1.00
Delicious. Green skin; orange flesh, fine-grained, sweet and dry	.10	.30	1.00
Hubbard. Well known and liked for late use; fine for pies	.10	.30	.75
Hubbard, Golden. Same as above, but with orange-red skin	.10	.30	.75
Hubbard, Mammoth Warted. Immense size, covered with warts	.10	.30	.75
Mammoth Chili. Rich orange flesh; grows to an enormous size	.10	.30	1.00

VEGETABLE MARROW*Culture.*—Vegetable Marrows should be planted in very rich soil. Pick when very young, before fully developed.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Vegetable Marrow. The true English strain; color deep yellow; white flesh	\$0.10	\$0.30	\$1.00
Italian Marrow (See Cocozelle)	.10	.30	1.00

SPINACH

Culture.—For Summer use, sow from April to August, in drills 12 inches apart, thinning out the plants to 3 inches. Sow the seeds of New Zealand late in Spring in hills 3 feet apart each way, three or four seeds in a hill.

One ounce will sow 100 feet of row, fifteen pounds is required for 1 acre

	Pkt.	Oz.	¼ lb.	Lb.
Victoria. Extra dark, black-green color. A fine variety for Spring sowing.....	\$0.10	\$0.15	\$0.30	\$0.75
Round Viroflay (Thick-leaved). Has very large, thick, dark green leaves; the favorite market gardeners sort for Fall or Spring sowing.....	.10	.15	.30	.75
Bloomsdale Curled-leaved Savoy. Large curled and wrinkled leaves; tender and of finest flavor.....	.10	.15	.30	.75
Perpetual Summer. A valuable variety, producing large, green leaves in abundance, close to the ground. Immediately one gathering has been made, fresh leaves appear, and a constant supply of Spinach is kept up throughout the entire Summer.....	.10	.30	1.00	3.00
Long Season. Stands longer before running to seed than any other sort.	.10	.15	.30	.75
New Zealand. Best for Summer use. Grows 1 foot high and is very prolific. Pick the leaves as wanted. Soak the seed in hot water before sowing.....	.10	.20	.55	1.50
Prickly, or Winter. Vigorous and hardy; recommended for Fall sowing.....	.10	.15	.30	.75

TOMATO

Culture.—Sow in a hotbed about the first week in March, in drills, 5 inches apart, and ½ inch deep. Transplant to the open ground when all danger of frost is past, setting the plants 3 to 4 feet apart each way.

One ounce will produce 1000 plants

	Pkt.	Oz.	¼ lb.
Earliana. Extra early, cardinal-scarlet; smooth; plant is compact in growth....	\$0.10	\$0.40	\$1.25
Livingstone's Globe. Very early, crimson, smooth and of large size; very productive.	.10	.50	1.50
Bonny Best. Very early, scarlet; medium to full market size; even, smooth and regular; valuable for home garden or market.....	.10	.50	1.50
Chalks Early Jewel. Fine, large, solid, smooth scarlet, similar to Stone, early...	.10	.50	1.50
John Baer. Early, red, large, prolific....	.10	.50	1.50
Stone, Scarlet. Very large, perfectly smooth; fine dark scarlet.....	.10	.40	1.25
Ponderosa. The largest variety in cultivation; very solid and meaty.....	.10	.50	1.50
Crimson Cushion. Extra large, handsome; bright crimson.....	.10	.60	2.00
Matchless. Extra large, smooth and handsome; bright red; very solid.....	.10	.40	1.25
Dwarf Champion. Quite distinct; early; fruit crimson; of medium size; good quality.....	.10	.40	1.25
Golden Ponderosa. Smooth, golden yellow, of good flavor and solid; fine; very early.....	.10	.75	2.50

TOMATOES—Continued

FORCING TOMATOES

	Pkt. $\frac{1}{4}$ oz.	
Sutton's "Best of All" (Original packets). Immense cropper, sets freely, color deep scarlet. Excellent for forcing.....	\$0.75	...
Buck's Trusco. Round, bright medium sized fruit.....	.25	\$1.50
Early Sunrise. Splendid cropper; medium size..	.25	1.50
Golden Sunrise. Produces fruit of medium size, color pure golden yellow, excellent in flavor, being entirely free from acid.....	.25	1.50
Holmes Supreme. Medium-sized, scarlet fruit, round, smooth and firm, heavy cropper.....	.25	1.00
Listers Prolific. Handsome, medium sized fruit; very prolific and of excellent flavor.....	.25	1.50
Market King. A very heavy cropper; early, and produces round fruit of medium size.....	.25	1.00
Stirling Castle. Small size, very solid, finest flavor; enormously productive.....	.25	1.00

SMALL-FRUITED TOMATOES

For pickling and preserving. Also invaluable for garnishing.

Red Cherry	Strawberry, or Winter Cherry
Red Currant	Yellow Cherry
Red Peach	Yellow Peach
Red Pear	Yellow Pear
Red Plum	Yellow Plum

Each, per pkt. 10c., oz. 60c.

TURNIP

Culture.—For early Turnips, sow as soon as the ground opens in Spring; for Winter use, may be sown from the middle of July to the end of August. Turnips are generally sown broadcast, but much larger crops are obtained by cultivating in drills 18 inches apart and thinning to 6 inches in the drill. Sow in shallow drills.

One pound to the acre, one ounce to 150 feet of drill; broadcast, two to three pounds to the acre

	Pkt. Oz. $\frac{1}{4}$ lb. Lb.			
Early Snowball. Small; of rapid growth; pure white.....	\$0.10	\$0.20	\$0.55	\$1.50
Milan, Early Purple. Earliest of all; white, with purple top.....	.10	.25	.75	1.75
Milan, Early Pure White. Very handsome, pure white, crisp and tender.....	.10	.30	.75	1.75
Purple-top, White Globe. A standard sort in the New York market.....	.10	.20	.55	1.50
White Egg. Oval; handsome and sweet; one of the finest for the table.	.10	.20	.55	1.50
Yellow Stone. The best known sort; flesh very firm and solid; excellent for table use.....	.10	.20	.55	1.50
Golden Ball. Solid, sweet, good size and keeps well.....	.10	.25	.65	1.75
Early White Strap-leaf. Good early sort, very solid.....	.10	.20	.50	1.75
Early Red Top Strap-leaf. Standard sort, in N. Y. market.....	.10	.20	.50	1.75
Yellow Aberdeen. Hardy and productive, excellent for table or stock.	.10	.20	.50	1.75

RUTABAGA

Culture.—Sow in July, thinly in rows. Cover firmly with $\frac{1}{2}$ inch of fine soil. Thin plants to stand 6 inches apart in the row.

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

American Purple-top. Yellow flesh, large, for table or stock feeding....	\$0.10	\$0.20	\$0.50	\$1.50
Champion Purple-top. Very large.	.10	.20	.50	1.50
White-fleshed. Large and produc- tive.....	.10	.25	.75	2.00
Long Island Improved. Immense size, excellent keeper, flesh rich yellow.....	.10	.20	.50	1.50

SEEDS OF POT, SWEET AND MEDICINAL HERBS

	Pkt.	Oz.
Angelica, Garden (<i>Archangelica officinalis</i>). For flavoring wines and cakes.....	\$0.10	\$0.50
Anise (<i>Pimpinella anisum</i>). Seeds aromatic and carminative.....	.10	.40
Balm (<i>Melissa officinalis</i>). For culinary purposes.	.10	.50
Basil, Sweet (<i>Ocimum basilicum</i>). Culinary herb for flavoring soups, etc.....	.10	.40
Bene (<i>Sesamum orientale</i>). The leaves are used for dysentery.....	.10	.50
Borage (<i>Borago officinalis</i>). Leaves used as a salad.....	.10	.30
Caraway (<i>Carum carvi</i>). Used in flavoring liquors and bread.....	.10	.30
Coriander (<i>Coriandum sativum</i>). Seeds aro- matic.....	.10	.15
Dill, Mammoth. Used for flavoring.....	.10	.20
Fennel, Sweet (<i>Anethum foeniculum</i>). Seeds aromatic; for flavoring.....	.10	.25
Horehound (<i>Marrubium vulgare</i>). Has medicinal qualities.....	.10	.50
Lavender (<i>Lavandula vera</i>). True. For oil and distilled water.....	.10	.75
Marjoram, Sweet (<i>Origanum majorana</i>). Is used in seasoning.....	.15	.50
Pennyroyal (<i>Hedeoma pulegioides</i>). Has medic- inal qualities.....	.25	...
Rue. Said to have medicinal qualities.....	.15	.50
Sage, Broad-leaved (<i>Salvia officinalis</i>). Leaves used in dressings.....	.10	.50
Savory, Summer (<i>Satureia hortensis</i>). Used as a culinary herb.....	.10	.50
Tansy (<i>Tanacetum vulgare</i>). Generally used in bitters.....	.25	...
Thyme, Broad-leaved. Dried leaves are used for seasoning.....	.10	.75
Wormwood (<i>Artemisia absinthium</i>). Has medi- cinal qualities.....	.10	.50

LAWN GRASS MIXTURES

All grasses offered by us are of choicest quality, recleaned new crop seeds of the highest germination and purity.

LIVINGSTONE'S LAWN GRASS SEED

Produces a splendid turf of a beautiful color and texture, quick growth and permanent. Lb. 55c., 5 lbs. \$2.50, 10 lbs. \$4.75, 25 lbs. \$12.00, 100 lbs. \$45.00.

LIVINGSTONE'S SPECIAL LAWN GRASS

This lawn grass is composed of a combination of various fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained without burning brown in Summer.

This mixture contains highest grade recleaned seeds of Red Top, Kentucky Blue, Sheep's Fescue, Pacey's Rye and Red Fescue, blended in suitable quantities. Lb. 70c., 5 lbs. \$3.25, 25 lbs. \$14.00, 100 lbs. \$55.00.

SHADY LAWN SEED

Adapted for shady places under trees or close to walls and hedges. Lb. 65c., 10 lbs. \$6.25, 25 lbs. \$15.50, 100 lbs. \$60.00.

TERRACE MIXTURE

Suitable for terraces. Compounded of grasses which take root in such a way as to prevent erosion, yet give a beautiful turf. Lb. 70c., 10 lbs. \$6.50, 25 lbs. \$15.50, 100 lbs. \$60.00.

SEASHORE MIXTURE

Specially compounded for successful sowing in sandy soil and under difficult climatic conditions, etc. Lb. 65c., 10 lbs. \$6.25, 100 lbs. \$60.00.

POLO FIELD AND ATHLETIC MIXTURE

Produces a turf of good color and texture which withstands hard wear. 10 lbs. \$6.50, 100 lbs. \$60.00.

Livingstone's Turf Renewer

A new product that should not be confused with ordinary lawn dressings, which are merely fertilizers

Our **Turf Renewer** is a scientific blending of the **finest lawn seeds** with those fertilizing elements that give nourishment to the rootlets, thus insuring perfect growth, fine texture, and deep, rich coloring. Germination and rapid growth are stimulated by its free use.

For **golf courses** this product quickly brings the turf to perfection. Our **turf renewing seed** is recommended for fairways and putting greens where it is vitally important to have the finest surface.

5 lbs. \$3.00, 25 lbs. \$11.00, 50 lbs. \$21.00, 100 lbs. \$40.00

GRASS SEED FOR GOLF COURSES

We make a specialty of fine grass seed mixtures suitable for putting greens and fairway. 100 lbs.

"Fairway" Mixture..... \$60.00
 "Putting Green" Mixture..... 85.00
 "Tennis Court" Mixture..... 60.00

BENT STOLONS

Many greenkeepers are now using Bent Stolons in preference to seed. On arrival, the sod is chopped up and spread on the green, after which same is rolled down and then all that is necessary is to keep the green well watered until the roots take hold.

Washington Strain
Narragansett Strain

Metropolitan Strain
Arlington Strain

Forty-five bushels of Stolons are required for a putting green 30 yards x 30 yards. Price, bus. \$2.50, 10 bus. \$22.50.

FOR HAY, MEADOWS AND PERMANENT PASTURES

Our permanent pasture, hay and meadow mixtures are composed of varieties of grasses best adapted for producing an abundant and nutritious food supply for stock. Our formulas are arranged with great care, and the mixtures are made to suit the exact location and condition of soil, etc., for which they are needed.

MEADOW MIXTURES

Both Hay and Pasture 100 lbs.

For light soils, 100 lbs. to the acre.....\$40.00

For heavy soils, 90 lbs. to the acre..... 45.00

For woodland, 100 lbs. to the acre..... 45.00

PASTURE MIXTURES 100 lbs.

For light soils, 80 lbs. to the acre.....\$45.00

For heavy, wet soils, 80 lbs. to the acre..... 45.00

For woodland, 90 lbs. to the acre..... 45.00

TIMOTHY (RECLEANED)

Best grade. 20 lbs. to the acre. 10 lbs. \$2.25, 100 lbs. \$18.00.

RECLEANED GRASSES, CLOVER, ETC.

Prices subject to market changes

The grass seeds here offered by us are in every case the *very highest grade*.

	Lb.	10 lbs.	100 lbs.
Rhode Island Bent (<i>Agrostis tenuis</i>). Colonial Bent. The seed offered is New Zealand grown. (Bu. 15 lbs.)..	\$2.00	\$17.50	\$150.00
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Excellent for lawns; succeeds well in most situations. (Bu. 15 lbs.).....	2.00	18.50	....
Redtop, Fancy Recleaned (<i>Agrostis palustris</i>). Probably the best grass for lawn mixtures. Readily adapts itself to a wide range of soils and does best under acid conditions. (Bu. 36 lbs.)..	.65	6.00	55.00
Bermuda Grass (<i>Cynodon dactylon</i>). Used in the South for lawns. Will grow on light, sandy soils or in pure sand. (Bu. 36 lbs.).....	.75	7.25	....
Bluegrass, Canadian (<i>Poa compressa</i>). Very enduring. Will stand close cropping. Prefers heavy soil, but will grow almost anywhere. (Bu. 14 lbs.).....	.60	5.50	....
Bluegrass, Kentucky (<i>Poa pratensis</i>). Considered one of the best lawn grasses. (Bu. 21 lbs.).....	.80	7.50	65.00
Chewings New Zealand Fescue (<i>Festuca rubra</i>). A creeping-rooted species which forms a close and lasting turf. (Bu. 24 lbs.).....	.70	6.50	....
English or Perennial Rye Grass (<i>Lolium perenne</i>). Used exclusively in lawn mixtures, as it will produce an excellent lawn within a few weeks of sowing. (Bu. 28 lbs.).....	.30	2.50	22.50
Pacey's Perennial Rye Grass	.30	2.75	25.00
Crested Dogtail (<i>Cynosurus cristatus</i>). (Bu. 24 lbs.).....	.80	7.50	....
Hard Fescue (<i>Festuca ovina duriuscula</i>). (Bu. 20 lbs.).....	.50	4.50	40.00

RECLEANED GRASSES, CLOVERS, Etc.—Continued

	Lb.	10 lbs.	100 lbs.
Italian Rye Grass (<i>Lolium italicum</i>). Lb. 10 lbs. 100 lbs. For practical purposes may be considered an annual; recommended for Winter lawns in the South to follow Bermuda grass. Good also for temporary pasture. (Bu. 24 lbs.).....	\$0.25	\$2.25	\$22.00
Meadow Fescue (<i>Festuca pratensis</i>). English Bluegrass. A pasture grass par excellence. Prefers deep rich soils. Very permanent. (Bu. 24 lbs.).	.45	3.75	35.00
Orchard Grass (<i>Dactylis glomerata</i>). Stands shade exceedingly well. It is a clump grass and should be sown heavily to insure a close stand. (Bu. 14 lbs.).....	.45	4.00	35.00
Rough Stalk Meadow Grass (<i>Poa trivialis</i>). Will abide heavy shade provided situation is damp. (Bu. 18 lbs.).	.95	9.00	85.00
Red Fescue (<i>Festuca rubra</i>). Creeping Fescue. Native of Europe. Somewhat stoloniferous in habit. Used for lawn mixtures. (Bu. 24 lbs.).....	.70	6.50	50.00
Recleaned Timothy (<i>Phleum pratense</i>). The standard hay crop of America. (Bu. 45 lbs.).....	.30	2.25	18.00

CLOVERS**All subject to price change without notice.**

	Lb.	10 lbs.	100 lbs.
Alfalfa or Lucerne (<i>Medicago sativa</i>). (Western grown). A valuable forage plant. Enormous yielder, can be cut three or four times a season. Quantity to acre, 15 to 20 lbs.....	\$0.45	\$4.00	\$30.00
Alfalfa, Grimm's . Absolutely hardy, succeeding where all others fail. Sow 20 to 25 lbs. to the acre. (Bu. 60 lbs.).	.75	...	70.00
Alsike, or Hybrid Clover (<i>Trifolium hybridum</i>). A perennial, 1 to 3 feet high, succeeding best in cold, stiff soils, and in marshy lands. It grows well in the far North and in high altitudes. A good honey plant for bees. Sow 15 lbs. to the acre.....	.50	4.50	37.50
Bokhara Clover (<i>Melilotus alba</i>). White Blossom Sweet Clover. Valuable sort for soiling and for ensilage and bees. Grows from 3 to 5 feet high; sown in rich soil. 15 lbs. to the acre.....	.30	2.50	20.00
Mammoth Red or Pea Vine . Much taller than medium red. Good for plowing under. Quantity to acre, 15 lbs.....	.65	6.50	50.00
Red Clover, Medium (<i>Trifolium pratense</i>). One of the most valuable farm crops for pasture, hay or for turning under for green manure. Sow 15 lbs. to the acre.....	.55	...	50.00
Hubam (Annual White Sweet Clover). A new strain of annual white flowering Clover. One of the best fertilizing plants, and a wonderful hay and pasture crop. Sow 12 lbs. per acre.....	.80	...	75.00
Crimson, or Scarlet Clover (<i>Trifolium incarnatum</i>). Erect annual, 1 to 2 feet high, with bright scarlet flowers. It is a valuable crop for pasturage or green manure. Sow 20 lbs. to the acre....	.25	...	18.00
White Clover (<i>Trifolium repens</i>). The best variety for lawns.....	.90	8.50	80.00

FARM and FIELD SEEDS

Prices on all farm seed subject to change without notice

MANGEL-WURZEL

Culture.—Sow seed in April and May in thoroughly plowed, well-manured soil, in drills about 24 inches apart.

Sow six to eight pounds per acre

	Lb.	5 lbs.
Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality.....	\$1.00	\$4.50
Golden Tankard. The best long yellow Mangel in cultivation. Matures earlier than other large sorts.....	1.00	4.50
Mammoth Long Red. This is an enormously productive variety. The best long red Mangel.	1.00	4.50
Klein Wanzleben. This variety is cultivated on a larger scale than any other Sugar Beet. Contains a heavy percentage of saccharine matter.....		
	$\frac{1}{4}$ lb. 30c.	1.00 4.50

FIELD CARROTS

Three pounds will sow one acre

	$\frac{1}{4}$ lb.	Lb.
Improved Danvers Half-long. For market and agricultural purposes.....	\$0.50	\$1.50
Improved Long Orange. For field crops, this is the best variety grown.....	.50	1.50
Large White Belgian. Extensively grown for feeding.....	.50	1.25

RUTABAGA

(Russian or Swede Turnip)

Four pounds will sow one acre

	$\frac{1}{4}$ lb.	Lb.
Improved American Purple Top. Yellow flesh, extensively grown for stock.....	\$0.60	\$1.25
Long Island Improved. A handsome, globe-shaped variety.....	.50	1.25

FIELD CORN

Three bushels to acre

FLINT VARIETIES

	Bus.
Canada Early Yellow. Very early, yellow Flint; 8-rowed.....	\$5.00
King Philip. Early; reddish yellow Flint; 8-rowed...	6.00
Longfellow (Yellow Flint). Small cob and large grain; popular 8-rowed variety.....	5.00
Sanford, Large (White Flint).....	5.50
Luce's Favorite. A hybrid between the Yellow Flint and Golden Dent. Ears large and abundant foliage. Valuable for ensilage or as a shell corn.....	5.00
Golden Nugget. Very early, large ears, which average from 12 to 15 in. long.....	5.00

DENT VARIETIES

Champion White Pearl. Large grain, 14 to 18 rows; ripens in about 95 days.....	5.50
Golden Beauty. A large golden Dent; very productive.	5.50
Leaming, Early. Large, deep grains, dull yellow, early and productive.....	5.00
Mastodon Improved. A very early large-eared sort. A deep grain and good color.....	5.00

FODDER AND ENSILAGE VARIETIES

Red Cob Ensilage. Abundant herbage; tall growth; fine.	5.50
Virginia Horse-tooth. For fodder and ensilage.....	5.50
Eureka White Ensilage	5.50
Sweet Fodder. Succulent and nutritious for feeding green.....	5.00

FARM and FIELD SEEDS—Continued**POP-CORN (Shelled)**

Fifty-six pounds to the bushel.		Lb.	100 lbs.
White Pearl	\$0.20		\$14.00
White Rice	.20		14.00

SEED OATS

Sow at the rate of 3 bushels per acre during April for best results.

Storm King (Pedigree Stock). The straw is very stiff, often measuring 5 ft. in height.....Bus. \$2.50

Swedish or Washington. The long, erect straw is noted for its ability to stand up in rough weather; grains are very plump and nearly pure white....Bus. 3.00

Clydesdale.....Bus. (32 lbs.) 3.00

Long White Tartar.....Bus. (32 lbs.) 3.00

Scottish Chief. Very strong growth, straw long, strong, and stands well.....Bus. (32 lbs.) 3.00

MILLET

Can be sown as late as July 15th and yield a tremendous crop. Lb. 10 lbs. 100 lbs.

Golden Millet. Large cropper; grows 3 to 5 ft. high. Sow 1 bus. to acre (48 lbs. to bus.).....\$0.20 \$1.25 \$10.50

Hungarian (*Panicum germanicum*). Early; height 2 to 3 ft.; abundant foliage and slender head; withstands droughts, and yields well on light soils. .20 1.25 10.50

Japanese Barnyard. This wonderful Millet yields possibly more fodder than any other forage plant. Frequently as high as 12 tons of green food has been obtained from an acre. If sown early in May it may be cut twice in one season. Sow 15 lbs. per acre.... .20 1.25 9.00

SUDAN GRASS

Resembles Millet somewhat; stock seems to relish it. Sow in drills or broadcast 16 to 24 lbs. per acre; several cuttings can be made from a sowing in one season. Thrives excellently in a season of drought. Lb. 25c., 100 lbs. \$20.00.

RAPE

Dwarf Essex. This can be pastured eight weeks after sowing; sow in succession, as the stock eat it close to the ground and it will not stand pasturing any great length of time. Sow 6 pounds per acre broadcast, from April 1st to October 1st. It produces enormous crops and is ideal green manure. Lb. 25c., 100 lbs. \$15.00.

MISCELLANEOUS CEREALS, ETC.

BARLEY

Sow two to two and one-half bushels per acre

- Beardless.** Large heads and a big yielder. Entirely free from beards. Bus. (48 lbs.) \$3.50
- Vermont Champion.** Two-rowed; hardy, prolific and early. Bus. (48 lbs.) 3.50

BUCKWHEAT

Sow one bushel per acre

- Japanese.** Early and productive. . . . Bus. (48 lbs.) \$3.50

FIELD PEAS

Sow one and one-half bushels per acre

- Canada Field.** Valuable for ensilage. . . Bus. (60 lbs.) \$5.50
- Southern Cow, and Whippoorwill.** Largely grown for fodder. Price variable. Bus. (60 lbs.) Market price

RYE

For grain, one bushel to the acre; for forage or soiling, one and one-half bushels, fifty six pounds to the bushel

- | | Pk. | Bus. |
|--|--------|--------|
| Spring. This is excellent for a catch crop, as it may be sown somewhat later than other grains and produces an abundance of green feed in the Summer season. | \$1.25 | \$4.50 |
| Giant Winter. This variety is fast gaining in popularity as a cover crop. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1. | 1.00 | 3.50 |
| New Rosen. A four-row Winter variety introduced in Michigan. | 1.25 | 4.00 |

SOJA BEANS

- Mammoth Yellow.** Valuable for improving the soil. Also good for fodder, either green or dry. Sow $\frac{3}{4}$ bushel to the acre in drills 3 feet apart and cultivate same as Field Corn. Bus. (60 lbs.) \$7.50.

SORGHUM

- Early Amber Sugar Cane.** The earliest and most productive variety. Height 10 to 12 ft. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 7 lbs. in drills, or 15 lbs. broadcast, to acre. Lb. 15c., 100 lbs. \$12.00.

SUNFLOWER

- Mammoth Russian.** Very productive, large heads with large seeds. Valuable for poultry; 5 lbs. will plant 1 acre. Lb. 25c., 25 lbs. \$4.50, 100 lbs. \$16.00.

VETCHES

Sow one and one-half bushels per acre

- | | Lb. |
|--|-----|
| Spring (<i>Vicia sativa</i>). Valuable for green fodder and soiling. Bus. (60 lbs.) \$7.50, \$0.15 | |
| Winter, or Hairy (<i>Vicia villosa</i>). Produces good crops on poor sandy soils. Being perfectly hardy, it may be sown either in the Spring or Fall. Mixed with Oats or Rye. Bus. (60 lbs.) \$15.00, .30 | |

WHEAT

Sow one and one-half bushels per acre

- Red Winter.** Standard sort. Bus. (60 lbs.) Market price.
- Saskatchewan Fife** (Spring). Early and a good yielder. Bus. (60 lbs.) Market price.

BIRD SEED, etc.

Prices of bird seed fluctuate Lb.

Canary Seed, Plain. Best grade.....	\$0.20
Canary Seed, Mixed. Best grade.....	.20
Hemp	.20
Lettuce Seed	.60
Millet, Golden	.25
Rape	.20
Gravel for Cages	Qt. .10
Cuttlefish Bone	.75
Sunflower Seed for Parrots 10 lbs.	\$1.75 .20

VEGETABLE PLANTS and ROOTS

Asparagus, Forcing Crowns. These are extra heavy and suitable only for forcing under glass or in frames.....			100	1000
			\$15.00	....
Conover's Colossal. Extra strong, 3-yr.-old..	3.50	\$30.00		
Palmetto. Extra strong, 2-yr.-old.....	2.50	22.50		
1-yr.-old (Ready in March).....	1.50	12.50		
Washington. Produces large, luscious dark green stalks of the finest quality. Practically rustproof. 2-yr.-old roots.....			5.00	40.00
1-yr.-old roots.....			2.50	20.00
Artichoke, French. Extra strong roots.....				
			\$4.50 per doz.	
Cauliflower Plants	2.00	18.00		
Celery Plants. Ready in July.....	1.25	9.50		
Horseradish Sets	1.00	9.00		
Horseradish, Maliner Kren	2.00	15.00		
Rhubarb Roots. Extra strong..	\$3.50 per doz.	....		
Sweet Potato Plants. Ready about May 1...	1.50	....		
Tomato Plants. Pot-grown.....	12.00	....		

MULFORD CULTURES

Mulford Cultures improve your soil and more than double your crops. Full directions with each bottle.

Mulford Cultures are prepared for: Alfalfa, Crimson Clover, Red Clover, Alsike Clover, Cow Peas, Soy Beans, Vetch, Sweet Peas, Garden Peas, Garden Beans, Lima Beans.

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Prices: 5-acre size \$5.00 (\$1.00 per acre); 1-acre size, \$1.50; ¼-acre size, 75c. Small size (supplied only in 4 varieties, for garden Peas, garden Beans, Lima Beans and Sweet Peas), 35c. each.

FARMOGERM

We believe in inoculation; we favor the pure jelly medium and we believe in Farmogerm. We recommend that all legume seeds purchased from us be inoculated before planting.

(A different culture is required for each legume group, so, when ordering, be sure to state what crops you wish to inoculate).

Cultures for Small Seeds—Clovers, Alfalfa, etc.

¼ bus. size.....	\$0.35
½ bus. size.....	.60
1 bus. size.....	1.00
2½ bus. size.....	2.25
10 bus. size.....	8.00

Cultures for Large Size Seeds, Soy Beans, Cow Peas, Peas, Beans, etc.

½ bus. size.....	\$0.35
1 bus. size.....	.60
5 bus. size.....	2.25
Special Garden size for Garden Peas, Beans, and Sweet Peas, 25c.	

Complete directions with each bottle.

FLOWER SEEDS

Annuals are effectively used in the hardy plant borders, particularly in filling in those empty spaces after Tulips, Narcissi, and other early Spring bulbs have bloomed, the seed being sown right over the bulbs.

Explanation of Signs Employed in This List:

- The asterisk (*) designates **ornamental-leaved** plants.
A represents **annual**—lasting but one year.
B represents **biennial**—lasting two years.
P represents **perennial**—lasting three or more years.
G represents **greenhouse plants**.
Bu represents **bulbous plants**.

Abronia

Pkt.

Umbellata grandiflora. Handsome, trailing plants.

These hardy annuals with lilac-rose-colored flowers are especially adapted for vases and rock gardens.

Sow in the open ground in May.....\$0.10

Abutilon

Mixed Hybrids (Chinese Bellflower, Flowering Maple).

Greenhouse shrub of easy culture, continuous bloomer, bell-shaped flowers, for house or garden. Grows 3 to 4

ft. high......25

Acacia (Tassel Tree)

Beautiful greenhouse shrubs, elegant foliage, graceful branches and fine racemes of richly scented, yellow flowers. Soak the seeds in hot water before sowing, then plant in sandy peat.

Pkt.

Baileyana. 6 to 10 ft.....\$0.15

Dealbata. 4 ft......15

Fine Mixed......10

Achillea

Ptarmica, Double, "The Pearl." Free blooming, hardy perennial. The pure white flowers are borne in clusters on long stems. Fine for florists for cut flowers. Blooms all Summer and Fall. 1½ ft.....

⅛ oz. \$1.00, \$0.25

Acroclinium

Showy, half-hardy annuals for the Summer garden, with everlasting flowers, which are much used for Winter decorations. Flower heads, to be preserved, should be gathered when young. 1 foot.

¼ oz. Pkt.

Double. Pure white.....\$0.35 \$0.10

Double. Bright rose......35 .10

Finest Mixed......25 .10

Aconitum (Monkshood)

Hardy perennial plant, with showy panicles of helmet-shaped flowers; does well in shady places or under trees. 4 feet.

¼ oz. Pkt.

Napellus. Blue and white.....\$0.50 \$0.10

Pyramidatum. Blue......50 .10

Ageratum

Grows well almost anywhere and blooms the whole season. The dwarf blue sorts make fine borders. Sow under glass early in the season.

Pkt.

Blue Perfection. Fine dwarf variety, with large flowers. 9 in.....¼ oz. 50c.\$0.10

Imperial Dwarf White. Excellent for edgings. 9 in.

¼ oz. 75c. .10

Little Dorrit. Azure-blue. Plants 6 in. high.....

⅛ oz. 50c. .10

Swanley Blue. A fine, large-flowered sort. 1 ft.....

¼ oz. 50c. .10

Little Blue Star. Plants densely covered with bright blue flowers. 5 in.....5 pkts. \$1.00 .25

Agathea (Blue Daisy)

Pkt.

Coelestis. Tender perennial with blue flowers, fine for Winter blooming in greenhouses. Height 1 ft. \$0.15

Agrostemma

All of easiest cultivation, blooming during Summer and Autumn. The "Rose Champion" is excellent for naturalizing in dry situations. Pkt.

Coronaria (Rose Champion). H.P. \$0.10

Coronaria, Mixed. H.P. 2 ft. 10

Flosjovis (Flower-of-Jove). H.P. Rose. 1 ft. 10

***Amaranthus**

Ornamental tender annuals. Valuable for bedding, having elegant, ornamental foliage. Pkt.

***Cruentus** (Princesfeather). Dark red. 3 ft. \$0.10

***Caudatus** (Love-lies-bleeding). Dark red. 3 ft. Oz. 30c. .10

***Tricolor** (Josephs-coat). Variegated. 2½ ft. ¼ oz. 30c., oz. \$1.00 .10

Salicifolius. Distinct variety, with drooping leaves. .10

Alyssum

Most popular, free-blooming annual; suitable for borders, rockwork, and for cutting. Cut back after the first flowers fade and others will come. Pkt.

Maritimum (Sweet-alysum). H.A. Fragrant white flowers, in clusters, all Summer. 1 ft. Oz. 60c. \$0.10

Compactum lilacinum (Lilac Queen) 10

Compactum, Little Gem. Grows erect. 6 in. ¼ oz. 25c., oz. 75c. .10

Procumbens, White Carpet. Of trailing habit, forming a dense mass. ¼ oz. 30c., oz. \$1.00 .10

Saxatile compactum (Basket of Gold). Hardy perennial plant, flowering in May; showy, golden-yellow flowers, blooms the first season if sown early indoors. Excellent for rockwork. 1 ft. Oz. \$1.50 .15

Anchusa

Both the annuals and perennials of this attractive plant succeed well in the garden border. Fine for cut flowers and bouquets. ¼ oz. Pkt.

Capensis (Cape Foget-me-not). H.H.A. Azure-blue. 1½ ft. \$0.75 \$0.10

Italica, Dropmore Variety. H.P. Blue. 3 ft. 1.00 .15

Aquilegias or Columbines

These are among the most beautiful of Spring and early Summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the foliage. Seed sown early in the Spring will in most cases produce plants that will bloom the same season. ⅛ oz. Pkt.

Californica hybrida. Orange-red and yellow; splendid. 2 ft. \$0.75 \$0.15

Canadensis. Scarlet and yellow; for shade. 1½ ft. 75 .10

Chrysantha. Golden yellow, flowers large, long-spurred. 3 ft. 60 .10

Caerulea (Rocky Mountain Blue Columbine). Sepals blue, petals white. 3 ft. 1.00 .15

Mrs. Scott Elliotts Strain. Long-spurred hybrids, selected mixed. 5 pkts. \$2.00 .50

Livingstone's Selected Long-spurred Hybrids 1.50 .25

Single Mixed 75 .15

Double Mixed 75 .15

Anemone (*Windflower*)

Free-flowering, hardy perennial, producing large, cup-shaped flowers. Invaluable for cutting; requires rich, deep soil 1 foot. Pkt.

St. Brigid (Irish Anemone). A great variety of colors. \$0.25
Coronaria, Single Giant Caen..... .10

Anthemis

Produces daisy-like, golden yellow flowers all Summer; fine for cutting. $\frac{1}{4}$ oz. Pkt.

Kelwayi tinctoria. H.P. Fine, large flowers
on good stems. 2 ft. \$0.60 \$0.10
Nobilis. White. 2 ft. 75 .10

Arabis

An early flowering, hardy perennial especially suited for edgings and rockwork, becoming a sheet of white bloom in early Spring. Grows about 6 inches in height; of easiest culture. $\frac{1}{4}$ oz. Pkt.

Alpina (Rockcress). White. 9 in. \$0.50 \$0.15

Arctotis (*African Daisy*)

Grandis. White and lilac. The large, daisy-like blooms of this fine, hardy annual are excellent for cutting. 2 ft. \$0.40 \$0.10

†Aristolochia

Sipho. H.P. The "Dutchmans-pipe" vine. 30 ft. Pkt. \$0.15

Asparagus

Beautiful, fern-like foliage; fine for bouquets; excellent house plant; white flowers. Pkt.

Plumosus nanus. G.P. The dwarf variety so largely used by florists. 100 seeds \$1.00 \$0.25

Sprengerii. G.P. Fine for basket work and for use with cut flowers. Oz. \$1.00 .25

Asperula

Odorata. H.P. Handsome creeping plant, with deep green, whorled foliage and pretty white flowers. Especially useful for carpeting in shady situations. 6 in. June and July. \$0.50 \$0.10

LIVINGSTONE'S SUPERIOR ASTERS

Cover seed with $\frac{1}{2}$ inch of soil. If the soil is too poor, add a good supply of ground bone, mixing thoroughly. Seed sown in the open ground in May will produce plants that will bloom finely in September and October.

American Beauty

LATE

The giant branching type, with large, full flowers and incurved petals, borne on stout stems. Most desirable for cutting.

	Pkt.	$\frac{1}{8}$ oz.		Pkt.	$\frac{1}{8}$ oz.
Lavender	\$0.25	\$0.75	September		
Azure Blue ...	.25	.75	shell-pink....	\$0.25	\$0.75
Purple	.25	.75	Rose	.25	.75
White	.25	.75	Mixed	.25	.75

Collection of 6 colors as above, \$1.25

California Giants, See Novelties

ASTERS—Continued

LATE BRANCHING

Forms broad bushes, with large, long-petaled flowers, graceful and feathery in effect; excellent for cut flowers. 2½ feet.

	Pkt.	¼ oz.		Pkt.	¼ oz.
Crimson	\$0.10	\$0.50	Purple	\$0.10	\$0.50
Flesh Pink			Rose	.10	.50
Mary Semple. .10	.50		White	.10	.50
Lavender	.10	.50	Mixed	.10	.50

Collection of 6 colors as above (6 pkts.) 60c.

Heart of France. Beautiful, rich, ruby red....	Pkt.	¼ oz.	\$0.15	\$1.25
Sensation. The reddest Aster of all. Flowers large and finely formed.....	.25	1.25		

Giant Branching Comet

A giant Comet type of branching Asters. All large, full flowers. 2 ft.

	Pkt.	¼ oz.		Pkt.	¼ oz.
Crimson	\$0.10	\$0.75	Rose	\$0.10	\$0.75
Lavender	.10	.75	White	.10	.75
Light Pink	.10	.75	Finest Mixed		
Royal Purple . .10	.75		Colors.....	.10	.75

Collection, 1 pkt. each of 6 varieties, 50c.

Anemone Flowered Aster
"The Sunshine"Crego Giant
MIDSEASON

A flower of the Giant Comet type, often measuring from 4 to 5 inches in diameter and resembling large Chrysanthemums. They are of strong growth, attaining the height of 3 feet.

	Pkt.	¼ oz.		Pkt.	¼ oz.
Lavender	\$0.15	\$1.00	Rose	\$0.15	\$1.00
Light Blue	.15	1.00	Pink	.15	1.00
Crimson	.15	1.00	White	.15	1.00
Purple	.15	1.00	Mixed	.15	1.00

Collection of 7 colors as above (7 pkts.) 75c.

King Asters

A new and distinct class of Asters, having long, sturdy stems. The flowers are of great size and the petals beautifully quilled. A fine variety for cutting.

	Pkt.	¼ oz.		Pkt.	¼ oz.
Crimson	\$0.15	\$1.25	Violet	\$0.15	\$1.25
Lavender	.15	1.25	White	.15	1.25
Pink	.15	1.25	Mixed	.15	1.10
Azure Blue 15	1.25				

Collection of 6 colors as above (6 pkts.) 75c.

Astermums

A splendid new race of American-raised Asters, selected from the Comet type. The plants are of upright growth, frequently having twelve to fifteen strong, sturdy stems 1½ to 2 feet long, each carrying enormous flowers of splendid form, the petals completely covering the center so as to give the impression of one of the large Japanese Chrysanthemums.

Snow White **Rose-pink** **Lavender**

Any of the above colors, pkt. 15c., ¼ oz. \$1.00

Collection, 1 pkt. each of above 3 colors, 35c.

Queen of the Market
EARLY

The best very early Aster, growing not over 1 foot high; excellent for bouquets.

	Pkt.	¼ oz.		Pkt.	¼ oz.
Dark Blue	\$0.10	\$0.50	Scarlet	\$0.10	\$0.50
Light Blue	.10	.50	White	.10	.50
Crimson	.10	.50	Mixed	.10	.50
Rose	.10	.50			

Collection of 6 colors as above (6 pkts.) 50c.

ASTERS—Continued

Perennial Asters (*Michaelmas Daisy*)

Hardy perennials of much beauty in the Autumn days.
Easy to cultivate and fine for cutting. $\frac{1}{4}$ oz. Pkt.

All Sorts Mixed. Extra fine, from a splendid collection; sown early in Spring, they will flower the same year. \$1.00 \$0.10

Aubrietia

Hardy perennial. Trailers for beds, rockwork, or herbaceous borders; resemble Alyssum. Pkt.

Deltoidea. Lilac; very pretty. \$0.15

Leichtlini. Carmine, trailing. 15

Auricula (*Primula auricula*)

Pkt.

Finest Mixed. H.P. Beautiful shades of color. These early, Spring-blooming garden primroses are great favorites. 6 in. \$0.25

Double Balsam (*Lady's Slipper*)

These old-fashioned flowers have been much improved, and what we offer are perfect in form and of the largest size. Give Balsams plenty of room, and they will develop into immense plants with gorgeous flowers. They are of easy culture and will succeed almost anywhere. 2 feet.

	$\frac{1}{4}$ oz.	Pkt.
Camellia-flowered, Scarlet	\$0.50	\$0.10
White	.50	.10
Lilac	.50	.10
Light Pink	.50	.10
Mixed Colors Oz.	\$1.25	.10

Balloon Vine (*Cardiospermum*)

A pretty and fast-growing, half-hardy annual climber with white blossoms. 10 ft. Pkt. 10c., $\frac{1}{4}$ oz. 25c.

Bartonia $\frac{1}{4}$ oz. Pkt.

Aurea. Golden yellow. Beautiful, hardy annuals that bloom all season; very fragrant in the evening. 3 ft. \$0.50 \$0.10

Begonia

Greenhouse plants, perennial. Begonias are invaluable for growing in beds and borders; also for pot culture, being perfect in habit, with very handsome foliage. Average height about 1 foot. The tuberous-rooted varieties produce gorgeous effects in the garden and are one of our best Summer-blooming plants. The seeds of all varieties should be started early. Pkt.

Gracilis, Prima Donna. Carmine-rose, brown-tinted foliage. \$0.25

Gracilis, Bonfire. Scarlet, metallic brown foliage. 25

Gracilis luminosa. Brilliant dark scarlet; very effective. 25

Semperflorens erfordi. Rosy carmine, green foliage. 25

Semperflorens, Triumph. Pure, glistening white. 25

Semperflorens, Vernon. Bright orange-carmine, red foliage. 25

Tuberous-rooted Single, Mixed. Excellent for indoor culture only. 50

Tuberous-rooted Double Mixed. The double form. 75

***Bocconia** $\frac{1}{4}$ oz. Pkt.

Japonica. A very ornamental, hardy perennial; fine in large beds; flowers white. 6 ft. \$0.50 \$0.10

Boltonia (*False Chamomile*)

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers, borne in great numbers from July to September. Pkt.

Asteroides. White.....	\$0.10
Latisquama. Lilac-pink.....	.10

Brachycome

The well-known "Swan-river-daisy" is a beautiful little half-hardy annual; blooms all Summer; fine for edgings and borders. Should be started in hotbed. 1 foot. Pkt.

Ibidifolia. Blue.....	\$0.10
White.....	.10
Mixed.....	.10

Browallia (*Amethyst*)

Half-hardy, profuse-blooming annual, highly prized for Summer bedding or as greenhouse plants. Fine for cutting. 2 feet. Pkt.

Elata grandiflora. Sky-blue.....	\$0.10
Speciosa major. Blue.....	.25

Cacalia

	$\frac{1}{4}$ oz.	Pkt.
Aurea. Small tassel-like blooms of golden yellow.....	\$0.50	\$0.10
Coccinea. Dense heads of scarlet flowers.....	.50	.10

Campanula (*Canterbury-bells*)

Popular and beautiful are Campanulas. Although the Canterbury-bells are biennials, they may also be treated as annuals, and will flower first year from seed if sown early in the Spring. The perennial varieties, treated as perennials, will flower most profusely by Midsummer.

	$\frac{1}{4}$ oz.	Pkt.
Carpatica. H.P. Deep blue; for rockeries, beds and edgings. 6 in.....	\$0.75	\$0.15
Carpatica alba. Flowers white. 6 in.....	.75	.15
Medium, Single Blue (<i>Canterbury-bells</i>). H.B. Blooms first year if sown early. 2 ft.	.50	.10
Single White. Pretty for contrasts.....	.50	.10
Single Rose	.50	.10
Single Mixed	.50	.10
Double Blue. Rich, heavy, curious flowers through Summer and Fall.....	...	.15
Double White. Waxy appearance.....	...	.15
Double Rose	...	.15
Double Mixed	.75	.15
calycanthema (<i>Cup-and-saucer</i>). H.B. Blue; symmetrical; often has 35 to 40 flowers open at same time on a single plant; for pots or borders. 2 ft.....	...	.15
calycanthema alba. A white-flowered variety of the above.....	1.00	.15
calycanthema rosea. Rose. A very fine sort.	1.00	.15
calycanthema, Mixed. Shades of blue and white.....	.75	.10
Persicifolia grandiflora, Blue. H.P. Superb large flowers and long, narrow, peach-like foliage. For finest effect plant the blue and white varieties together. 2 to 4 ft. June and July.....	1.50	.15
grandiflora alba. A white-flowered variety of the above, growing to the same height..	1.50	.15
grandiflora, Fine Mixed	...	.15
pyramidalis (<i>Chimney Bellflower</i>). H.H.P. Spikes 3 to 4 ft. tall; erect, pyramidal; large blue flowers; blooms in late Summer and Autumn.....	.75	.15
alba. White.....	.75	.15
Mixed	.75	.15

Calceolaria

The seeds should be sown in the greenhouse on the surface of shallow boxes filled with a light, sandy soil. To retain the moisture, the box may be covered with a pane of glass, which must be removed as soon as plants appear. Pkt.

Livingstone's Superb Strain Mixed	\$1.00	
Large-flowered, Self-colored, Mixed	.50	
Tigered, or Spotted Mixed	.50	
Rugosa Mixed. Well-known variety.....	.50	

Calendula

Hardy annuals about 1 foot high. Sow in the open early in Spring and the plants will bloom early in Summer. The striking orange, red and yellow blooms are very effective and attractive, growing on stout, long stems. Excellent for cutting and produced in great profusion until late in Autumn. $\frac{1}{4}$ oz. Pkt.

Orange King. Double; large-flowered, deep orange.....	\$0.50	\$0.15
Lemon Queen. Lemon yellow.....	.50	.15
Meteor. Creamy center, edged with orange. Fine for cutting.....	.25	.10
Prince of Orange. Glittering orange and yellow. One of the best.....	.25	.10
Pluvialis (Cape-marigold). White or ivory....	.10	
Balls Orange King	.25	

Calliopsis

Charming Summer-flowering plants. Sow in the open ground in Spring, giving the plants plenty of room to spread. Fine for cuttings. H.A. $\frac{1}{4}$ oz. Pkt.

Atrosanguinea. Rich dark red 18 in.....	\$0.30	\$0.10
Bicolor (Tinctoria). Yellow-brown. 2 ft.....	.50	.10
Bicolor, Crimson King	.50	.10
Coronata. Yellow; very fine. 1 $\frac{1}{2}$ ft.....	.10	
Golden Wave (Drummondii). Golden brown, 1 ft.	.50	.10
Mixed Annual Sorts	.40	.10

Coreopsis (Perennial Calliopsis)

One of our finest hardy perennials; blooms practically all Summer; fine for borders and groups. $\frac{1}{4}$ oz. Pkt.

Grandiflora. Large flowers of rich yellow. 2 ft.	\$0.40	\$0.10
Lanceolata grandiflora. Large, golden yellow flowers; fine for cutting.....	.75	.10

*Canna (Indian Shot)

Half-hardy perennial. Beautiful, ornamental foliage, and large, brilliant flowers. Much employed in subtropical gardening, groups on lawns and mixed flower beds. Soak the seed before planting. 4 feet. Oz. Pkt.

Crozys Dwarf Mixed	\$0.50	\$0.10
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Candytuft (Iberis)

The Candytufts are among our best hardy annuals for edgings, bedding, massing or rockeries, and for cutting. Several of the varieties are fragrant, and all are profuse in bloom. Sow outdoors in April, and thin well when the plants grow about an inch. Oz. Pkt.

Empress. White. 1 ft.....	$\frac{1}{4}$ oz. 30c.	\$1.00	\$0.10
Giant Hyacinth-flowered. White flowers borne in large trusses.....	$\frac{1}{4}$ oz. 75c.	1.50	.15
Umbellata. Purple. 1 ft.....	.75		.10
carminea. Carmine. 1 ft.....			.10
carnea. Flesh-colored. 1 ft.....			.10
dunnetti. Dark crimson. 1 ft.....	.75		.10
lilacina. Lilac. 1 ft.....	.75		.10
Mixed Annual Sorts	.50		.10

PERENNIAL CANDYTUFT

Hardy, evergreen plants, making a magnificent showing the second year from seed. Sow outdoors in Spring or Fall in any sunny place. $\frac{1}{4}$ oz. Pkt.

Sempervirens. White flowers remain fresh nearly a month. 1 ft.....	\$0.75	\$0.15
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Carnations**GIANT MARGUERITE CARNATIONS**

These are deservedly the most popular Carnations with the amateur, as they begin flowering in July or August if sown early in the Spring. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully fringed, highly scented flowers; with slight protection they will survive ordinary Winter and bloom freely the following Spring.

	$\frac{1}{4}$ oz.	Oz.	Pkt.
Giant Pink	\$1.00	\$3.00	\$0.15
Giant White	1.00	3.00	.15
Giant Crimson	1.00	3.00	.15
Giant Scarlet	1.00	3.00	.15
Giant Yellow	1.00	3.00	.15
Giant Mixed	1.00	3.00	.15

Collection, 1 pkt. each of above 5 colors, 50c.

Chabaud Perpetual Double. Mixed, yellow, red, white, etc. Blooms in six months. $1\frac{1}{2}$ ft. \$0.25

BORDER CARNATIONS

We invite attention to the splendid varieties below.

	$\frac{1}{4}$ oz.	Pkt.
Red Grenadine, Double. Brilliant scarlet. 2 ft.	\$1.00	\$0.15
Early Dwarf Vienna, Double Mixed. Fine for garden culture and for cutting. 1 ft.		.15
Fine Double Mixed Border	1.00	.15

CARNATION, PERPETUAL. See Novelties, page 6

Celosia (Cockscomb)

	$\frac{1}{4}$ oz.	Pkt.
Spicata. Bright rose, turning to silvery white.		\$0.15
Cristata. An annual of easy culture, most effective in the border. Last from Midsummer until frost.		.15
Glasgow Prize. Dark leaves and crimson combs; fine for solid beds and for edgings. 1 ft.	\$1.00	.15
Dwarf Bright Red. A miniature plant with enormous combs of intense bright red.	1.00	.15
Dark Yellow. Yellow combs.	1.00	.15
Mixed. Extra large combs in all the preceding colors.	.75	.10
Plumosa (Plumed or Ostrich Feather). Beautiful annual foliage plants, blooming in late Summer and Autumn, and producing large, showy plumes, curled and curved, much resembling ostrich feathers. For beds and borders. 2 to 3 ft.		
Ostrich Feather, Crimson	.75	.10
Orange	.75	.10
Scarlet	.75	.10
Pride of Castle Gould. Compact, feathery plumes. In shades of blood reds, carmines, yellow and orange.		.25
Thompsoni magnifica, Mixed. Superb assortment, of the plumed varieties.	1.00	.10
Childsi (Chinese Woolflower), Crimson		.15
Pink		.15
Yellow		.15

Centaurea

The popular Cornflower, *Centaurea cyanus* is also known as Blue Bottle, Ragged Sailor, and sometimes as Bachelor Button. The perennial sorts increase rapidly and bloom profusely.

PERENNIAL FLOWERING

A dry, sandy soil of moderate fertility seems to suit them best, keeping up a profusion of bloom all Summer. Pkt.

Montana Blue. Large-flowered perennial Cornflower...	\$0.15
Montana alba. White.....	.20

PERENNIAL, SILVER-LEAVED

These are used for borders or edgings, and thrive anywhere. Half-hardy. 1 foot. $\frac{1}{8}$ oz. Pkt.

Candidissima. Silvery white leaves	\$0.75	\$0.10
Gymnocarpa. Silvery white, small leaves.....	.75	.10

CENTAUREA—Continued

HARDY ANNUALS

Sow in open ground in Spring. 1½ to 2 feet.

	¼ oz.	Pkt.
Americana. Large, lilac-purple flower; bushy plants; very fine; constant and profuse bloomer.	\$0.60	\$0.10
Cyanus (Cornflower) Blue. Delightful, old-fashioned flowers, blooming profusely all Summer; borne on long, stiff stems, and fine for cutting. 1 to 2 ft.	.30	.10
Emperor William. Blue, one of the finest of all Cornflowers, and much used for cutting.	.40	.10
Single Mixed	.25	.10
Double Mixed	.25	.10
Double Blue	.50	.10
Double Rose. Distinct shade; flowers borne on long stems; good for cutting.	.50	.10
Double Pure White. Very fine.	.50	.10
Imperialis, Deep Rose		.15
Lavender		.15
Lilac		.15
Brilliant Pink		.15
Purple		.15
White		.15

Collection, 1 pkt. each, 6 colors, 75c.

Cerastium (*Snow-in-summer*)

Pretty, silver-leaved, trailing, hardy perennials; fine edging plants, also for rockeries. 6 inches.

	Pkt.
Tomentosum. White.	\$0.15

Chrysanthemum

Do not confound these annuals with the Winter-flowering sorts of the florists. They bloom profusely from early Summer until frost, and, when grown in large beds or masses, their bright colors make a splendid show. Average height, 1 to 1½ feet.

	¼ oz.	Pkt.
Coronarium, Double Yellow. Golden yellow; splendid.	\$0.25	\$0.10
Double White	.25	.10
Double Mixed. Yellow, white, etc.	.25	.10
Tricolor burridgeanum. Crimson-maroon, with white edge and inner circle; brilliant and showy.		.10
Yellow	.30	.10
White	.30	.10
Single Mixed. All colors	.50	.10
Double hybridum, Mixed (Dunnetti).	.35	.10

PERENNIAL VARIETIES

This section includes the large-flowered sorts and the pretty, hardy Pompons that make bright masses of color in our gardens long after heavy frosts have cut down other flowers.

	H.P.	Pkt.
Maximum (Moonpenny, or Shasta Daisy).		
The Speaker. 3 ft. White.	\$0.25	
King Edward VII. 2 ft. White.	.25	
Shasta. 1½ ft. White. Summer.	.15	
Mrs. C. Lowthian Bell. 1½ ft. Blossoms pure white, borne on long stems.	.25	
Alaska.	.25	

Cineraria

One of the most useful and ornamental of greenhouse plants with flowers of the richest and most brilliant colors and shades, and of the finest texture.

	Pkt.
Large-flowered Stella, Mixed. Twisted and fluted petals; large flowers of very rich and bright colors.	\$0.50
Giant-flowered Sky Blue	.50
Dark Blue	.50
Flesh Color	.50
White	.50
Stellata, Suttons Tall Mixed	.75
Suttons Cactus-flowered Mixed	.75
Large-flowered, Mixed	.50
Splendid Mixed, Double	.50
Maritima (Dustymiller). H.H.P. Silvery leaves.	

¼ oz. 75c. .10

Clarkia

One of the prettiest and showiest of hardy annuals that bloom freely and have flowers of such various bright colors that a bed of them in full bloom is a beautiful sight; useful for hanging-baskets, vases and as edgings to beds of larger growing plants. Average height, 1½ feet.

	¼ oz.	Pkt.
Single Rose	\$0.30	\$0.10
Single White	.30	.10
Single Mixed	.25	.10
Double Salmon Queen. Salmon.....	.50	.10
Brilliant King. Crimson.....	.50	.15
Purple King. Purple.....	.50	.15
Scarlet King. Scarlet.....	.50	.15
White King. White.....	.50	.15
Double Mixed	.40	.15

Cleome (Spiderflower)

Curious ornamental, hardy annual. Blooms freely in sandy soil.

	Pkt.
Pungens (Giant Spiderflower). Pink. 3 ft. ¼ oz. 50c.	\$0.10
Gigantea, Rose Queen	.10

Convolvulus

Tall. Beautiful and easily grown annual; covering screens, trellises, etc.

	Pkt.
Major (Tall Morning-glory) Mixed. Finest colors.	
10 ft. up.....	Oz. 25c. \$0.10
Mauritanicus. H.P. Blue, trailing habit; fine for baskets and rockeries....	.10

‡Cobaea

Tender climbing perennials of rapid growth. ¼ oz. Pkt.

‡Scandens. Purple, bell-shaped flowers.....	\$0.25	\$0.10
Alba. White.....	.50	.10

***Coleus**

Greenhouse plant, perennial. Splendid bedding plants with beautifully colored foliage; very useful for decorative purposes. 2 feet.

	Pkt.
Large-leaved, Finest Mixed	\$0.25

Cosmos

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion; excellent for cutting. Any garden soil will grow Cosmos to perfection.

	¼ oz.	Oz.	Pkt.
Early-flowering. Seed started early in the house or frame, will produce flowers a month earlier than Mammoth Perfection.			
Crimson	\$0.75	\$2.50	\$0.10
Pink	.75	2.50	.10
White	.75	2.50	.10
Mixed	.60	2.00	.10

	⅛ oz.	Pkt.
Double Crested. A new class producing double flowers, beautifully crested and most striking in appearance.		

Crimson King. A beautiful shade.....	\$1.50	\$0.25
Pink Beauty. Shell-pink.....	1.50	.25
White Queen. Pure white.....	1.50	.25
Crested Mixed. The above colors in mixture	1.25	.25

	¼ oz.	Oz.	Pkt.
Lady Lenox. Lovely, large, shell-pink flowers of great substance. One of the finest.....	\$0.50	\$1.50	\$0.10

Lady Lenox, White. Counterpart of above, except as to color.....	.85	2.75	.15
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Mammoth Perfection. Large flowers on long stems, lasting until frost.			
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Crimson	.25	1.00	.10
White	.25	1.00	.10
Pink	.25	1.00	.10
Mixed	.25	1.00	.10

Klondyke. Orange-colored, distinct foliage.....			.25
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Cowslip (*Primula Officinalis hybrida*)

Hardy perennial. Favorite Spring flower; fragrant. Pkt.

Mixed Colors \$0.25**Suttons Giant Yellow** 35**†Cuphea** (*Cigar Plant*)Pretty, half-hardy perennial; fine border and pot plant.
1 to 1½ feet. Pkt.**Platycentra** (Cigar Plant). Long-shaped, scarlet flow-
ers all Summer.....\$0.15**Cyclamen**These bulbous greenhouse plants are among the best
plants recommended for house culture, as they thrive well
and bloom profusely in the average temperature of the living-
room. 100 seeds Pkt.**Crimson King.** Red.....\$3.50 \$0.50**Lilac Queen.** Soft lilac..... 3.50 .50**Purpurea.** Deep purple..... 3.50 .50**Rosy Morn.** Rich rose..... 3.50 .50**Salmon King**..... 3.50 .50**White, with Claret Base**..... 3.50 .50**White Giant.** Snow white..... 3.50 .50**Mrs. Buckston.** Immense salmon flowers, with
beautifully frilled petals..... 3.50 .50**Glory of Wandsbek.** Shades of salmon..... 3.50 .50**Delphinium** (*Larkspur*)In variety and beauty of its blue tints, which are as numer-
ous as they are charming, no other plant can equal the Del-
phinium. The brilliant flowers are strongly effective in beds
or masses, in borders and shrubberies.**ANNUAL VARIETIES**These include the Rocket or Hyacinth-flowered, so called
from their long, narrow flower spikes. They bloom best in
rather cool, moist soil. Pkt.**Ajaxis, Dwarf Rocket.** Finest colors; beautiful for
bedding. 1 ft.....Oz. 60c.\$0.10**Tall Branching, Choice Mixed.** 2 ft.....
¼ oz. 25c., oz. 75c. .10**Emperor, Branching, Mixed**.....¼ oz. 40c. .10**Blue Butterfly**.....¼ oz. 85c. .15**Lavender**..... .20**Newport Rose.** Rose-colored 15**PERENNIAL VARIETIES**If sown in the Fall or very early Spring, nearly all will
bloom the first season. Foliage clean and pretty, flower spikes
long and dazzling. Pkt.**Livingstone's Gold Medal Hybrids.** Choice show
varieties.....¼ oz. \$2.00 \$0.50**Barlowi.** Large, dark blue flowers; extra fine. 3 ft.
¼ oz. \$1.75 .25**Belladonna.** Lovely pale blue; handsome plant, comes
very true from seed. One of the best. 4 ft. ⅛ oz. \$1.25 .25**Bellamosa.** Improved Formosum, dark blue.....
⅛ oz. \$1.00 .25**Cardinale.** Orange-scarlet. A very showy plant when
in bloom. 2 ft..... .25**Formosum.** Brilliant blue, white center; especially fine.
3 ft.....¼ oz. \$1.00 .10**Formosum coelestinum.** Clear blue; handsome.
¼ oz. \$1.50 .25**Zalil (sulphureum).** H.P. Long spikes of yellow
flowers. 2 ft..... .25**Chinese, Mixed** (*D. grandiflorum*). 2 ft..... .10**WREXHAM SELECTED STRAIN****(Hollyhock Strain)**

Pkt. 75c., 5 pkts. \$3.50.

†**Dahlia**

This favorite, half-hardy perennial is most easily grown from seed sown early in the house. Will bloom freely outdoors until frost the first season. 3 to 6 feet. Pkt.

Double Mixed	\$0.25
Single Mixed	.25
Single Cactus, Mixed	.50
Double Cactus, Mixed	1.00
Livingstone's Exhibition Mixed	.50

Daisy (*Bellis perennis, etc.*)

Hardy perennial. May be sown in February or March in shallow boxes of light, rich soil. Pkt.

Double Rose (Longfellow).....	\$0.15
White (Snowball).....	.15
monstrosa alba. Snowy white flowers..	.25
monstrosa rosea. Deep rose.....	.25
monstrosa, Red	.25
monstrosa, Mixed	.25

Datura

Showy, half-hardy annuals of rapid growth, with large, trumpet-shaped, fragrant flowers. 3 feet. Pkt.

Cornucopia (Horn of Plenty). Immense violet flowers. \$0.10

Didiscus (*Blue Laceflower*)

Pkt.

Caerulea. One of the oldest and best of our annuals.

Blue flowers..... $\frac{1}{8}$ oz. \$1.00 \$0.15

Dictamnus (*Gasplant*)

Ornamental hardy perennials; can remain for years undisturbed; leaves when rubbed have a lemon odor. 3 feet. Pkt.

Fraxinella. Red.....	\$0.15
albus. White.....	.15

†**Dolichos**

Very rapid growing hardy annual climber, bearing pea-shaped blossoms and ornamental seed pods. Fine for covering screens, etc. 10 feet. Oz. Pkt.

Lablab (Hyacinth-bean). Purple.....	\$0.50	\$0.10
albus. White.....	.50	.10
Mixed	.50	.10

Dimorphothea (*African Orange Daisy*)

Easily grown, hardy annuals of great beauty. 12 to 15 inches in height, and bushy. $\frac{1}{4}$ oz. Pkt.

Aurantiaca. Orange.....	\$0.50	\$0.10
hybrida. New, fine varieties, mixed.....	.50	.10
Eklonis. New plant from Egypt, large, star-like flowers, with blue disk.....		.25

Eschscholtzia (*California Poppy*)

The state flower of California. This much esteemed hardy annual is very bright and rich in its pure tints of yellow, orange, etc. The plants average about a foot in height, with silvery foliage, and produce their large, poppy-like flowers from early Spring until frost. $\frac{1}{4}$ oz. Pkt.

Californica. Rich yellow.....	\$0.50	\$0.10
Carmine King. Carmine-rose, beautiful.....	.50	.10
Geisha. Rich orange inside, orange scarlet outside.....	.50	.10
Crocea, Double Orange	.50	.10
Mandarin. Red-gold flowers, orange within and scarlet without.....	.50	.10
Maritima, Golden West. A superb variety with very large flowers of deep yellow; bloom all Summer. 2 ft.....	.50	.10
Mixed. Many sorts.....	Oz. \$1.00,	.30 .10

†**Echinocystis**

Pkt.

Lobata (Wild Cucumber). A rapid-growing annual climber.....Oz. 50c. \$0.10

Edelweiss (*Leontopodium alpinum*)

Pkt.

White-leaved Plant. Eagerly sought by tourists in the Swiss Alps. H.P. 6 in.\$0.15

Euphorbia (*Snow-on-the-mountain*)

Pkt.

Green and White Foliage.\$0.10

Echinops (*Globe Thistle*)

Pkt.

Ritro. A hardy perennial of stiff growth; flowers fine for bees. 2 feet.\$0.10

Forget-me-not (*Myosotis*)

These dainty little flowers love cool, moist soils, and, like Pansies, bloom most freely in Fall and early Spring. Sow in Spring in a warm, sunny border. Most varieties bloom freely the first season and profusely the second. Average height, 6 to 8 inches. Pkt.

Alpestris. H.B. A pretty plant of erect habit, with blue flowers. ¼ oz. 75c. \$0.10

alba. White flowers, very dainty in effect ¼ oz. 75c. .10

Indigo-blue. New. Compact. Fine for pots or border. 25

robusta grandiflora (Eliza Fonrobert). Grown extensively for cutting. Large, sky-blue florets with yellow eye, in large clusters. 15

Victoria. Strong-growing; dwarf; flowers large, globular, sky-blue, abundant; fine for borders, pots or cutting. ¼ oz. 75c. .10

Palustris semperflorens. H.P. Bright blue; blooming from Spring until Autumn; foliage a good shade of green. ½ oz. \$1.00 .10

Ruth Fischer. Excellent for pot culture or bedding. 5 pkts. \$1.00 .25

Suttons Pot Variety. Excellent for table work. 5 pkts. \$2.25 .50

Four o'clock (*Mirabilis*)

Favorite half-hardy annual of the easiest culture and very suitable for large beds and borders. Oz. Pkt.

Hybrids, Mixed. Fine assortment. 2 ft ...\$0.30 \$0.10

Foxglove (*Digitalis*)

The tall flower spikes of the Foxglove. Often 2 to 3 feet in height, are particularly handsome when grown among shrubbery or in bold masses, and as a background for lower-growing plants are very attractive. ¼ oz. Pkt.

Gloxinioides, Purple.\$0.50 \$0.10

Rose. Bright, showy flowers borne profusely on fine spikes. 50 .10

White. Handsome, gloxinia-like flowers, beautiful for cutting. 50 .10

Yellow. 50 .10

Mixed. All the choice colors. 50 .10

Monstrosa Mixed. Long spikes, large flowers. 1.00 .15

Gaillardia (*Blanket-flower*)

Both the annual and perennial varieties of Gaillardia are very showy and free bloomers all Summer long until frost; good in any situation and easily grown. The individual flowers are of large size, very durable, and most brilliant in color. Fine for bouquets. 2 to 3 feet. ¼ oz. Pkt.

Amblyodon. H.P. Fiery-red.\$0.50 \$0.10

Grandiflora maxima. H.P. Golden yellow. 2½ ft. 75 .15

Extra Fine Mixed. H.P. 50 .10

Picta lorenziana. H.A. A mixture of various colors. The flowers are double and excellent in form. 50 .10

Suttons Double Orange. 25

Suttons Double Yellow. 25

Suttons Double Mixed. Height 18 in. 35

Geranium

Most valuable greenhouse plants, blooming continuously. For bedding in the outdoor garden nothing equals them. 1½ feet. Pkt.

Zonale. Scarlet.....	\$0.10
Apple-scented. Pink; fragrant foliage.....	.25
Choice Mixed	.25

Gerbera (Transvaal Daisy)

Very pretty, half-hardy perennials, fine for garden border and also Winter forcing; grows about 2 feet high and blooms all through the season. Pkt.

Jamesoni. Deep scarlet.....	\$0.35
hybrida, New Hybrids. Great diversity of colors, from pure white to dark red; fine for cutting.....	.50

Geum

Double Mrs. J. Bradshaw. Handsome variety with large, double, bright scarlet flowers in bloom all Summer. 1½ ft.....	\$0.25
Suttons Double Lady Stratheden. Fine, rich golden yellow.....	.50

Grevillea (Silk-oak)

Robusta. Graceful evergreen, greenhouse plant, easily raised from seed; fern-like foliage; fine for table decoration.....	\$0.15
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Godetia

Beautiful and easily grown hardy annuals, producing a profusion of flowers of satiny texture. Fine for cut flowers. Average height 1 foot. ¼ oz. Pkt.

Crimson Glow. Intense, dazzling crimson; fine compact grower; very floriferous.....	\$0.50	\$0.10
Duchess of Albany. Satiny white.....	.50	.10
Lady Albermarle. Dark crimson.....	.50	.10
Lady Satin Rose (G. whitneyi compacta Brilliant). Bright carmine.....	.50	.10
Mixed, Dwarf Varieties	Oz. 75c. .35	.10

Gloxinia

Greenhouse plants with magnificent flowers of great brilliancy; very decorative. Fine pot plants for the window garden. 1 to 1½ feet in height. Pkt.

Hybrida grandiflora. Superb mixture.....	\$0.50
Suttons Spotted Hybrids. Beautiful strain.....	.75

Gomphrena (Globe-amaranth)

These well-known, hardy annuals are among the most popular of the everlasting for dried Winter bouquets; also well adapted for beds and edgings in the garden.

Globosa Purple. Purple.....	¼ oz. \$0.30	Pkt. \$0.10
Rose alba. White.....	.30	.10
Mixed	.25	.10

Gourds (Ornamental)

Rapid growing, interesting annual climbers, with ornamental foliage and singular-shaped fruit. 15 to 20 feet. Pkt.

Apple-shaped. A good sort.....	\$0.10
Calabash (The Pipe Gourd).....	.10
Dipper-shaped	.10
Dishcloth (Chinese Luffa). Interior useful as a sponge.....	.10
Hercules Club. Long, green fruits.....	.10
Mockorange. Orange-shaped fruits. One of the best known.....	.10
Mixed. A fine assortment.....	.10

Gypsophila (*Babysbreath*)

Both the annual and perennial varieties are most easily grown; very graceful and delicate flowers and foliage; fine for rockwork or shrubbery and bouquets. 2 feet.

	Oz.	Pkt.
Elegans grandiflora alba. H.A. Large-flowering; white.....	\$0.50	\$0.10
rosea. H.A. Rose.....	.50	.10
Paniculata. H.P. White; fine for bouquets....	1.00	.10
Paniculata fl. pl. Double-flowering Babysbreath, and one of the finest hardy plants for cutting.....		.25

Hunnemannia (H.A.)

	¼ oz.	Pkt.
Fumariaefolia. The plants grow about 2 ft. high, bearing large, poppy-like, yellow flowers.	\$0.50	\$0.10

Helenium (*Sneezewort*)

	Pkt.
Autumnale. H.P. Late-flowering; broad heads of elegant, golden yellow flowers; fine for cutting. 5 to 6 ft.....	\$0.15
Riverton Gem. Orange, dark center.....	.15

Helichrysum (*Eternal Flowers*)

A most popular hardy annual, highly prized for Winter bouquets; flowers intended for drying should be gathered when partially unfolded, and suspended with heads downward in a cool and airy place. 1 to 2 feet.

	¼ oz.	Pkt.
Monstrosum, Double Large-flowered.		
Silver Ball. Double white.....	\$0.50	\$0.10
Salmon. Double salmon-pink.....	.50	.10
Crimson.	.50	.10
Golden Globe. Double yellow.....	.50	.10
Fireball, Red. Double red.....	.50	.10
Double Mixed.	.50	.10

Heliopsis

	Pkt.
Pitcheriana. H.P. This is esteemed highly for the border and for cutting; bears beautiful golden yellow flowers all Summer. 3 ft.....	\$0.10

Helleborus (*Christmas-rose*)

These well-known, Spring-flowering, hardy perennials thrive finely in any common soil, in a sheltered, semi-shady situation. 1 foot.

	Pkt.
Niger. White.....	\$0.10

Heliotropium (*Heliotrope*)

These favorite greenhouse and bedding plants are highly valued for their scented flowers; succeed best in light but rich soil; bloom first season from seed. 1½ feet.

	¼ oz.	\$1.00	\$0.10
Lemoines Giant. Giant double flowers, mixed....			
Blue Perfection. Light blue.....			.10
White Lady. White; large flower.....			.10
Fine Mixed.	¼ oz.	75c.	.10

Heuchera

	Pkt.
Sanguinea splendens. H.P. Long spikes of fiery-red flowers. 18 in.....	\$0.25
hybrida. H.P. Fine for borders. 18 in. Mixed colors.....	.25

Hibiscus (*Mallow*)

All the species bear very showy flowers and are easily grown. Hardy perennials.

	Pkt.
Sunset or Golden Bowl.	\$0.10
Moscheutos roseus. H.P. Large rose-colored flowers. 4 ft.....	.10
Crimson Eye. White with crimson eye.....	.10
Mallow Marvels Mixed. Crimson, pink, and white, mixed.....	.25

Hollyhocks

CHATER'S SUPERB DOUBLE

By special arrangement, we have secured seed from a grower in England who has, at great expense and effort, grown seed of the famous Chater's Hollyhock.

	$\frac{1}{8}$ oz.	Pkt.		$\frac{1}{8}$ oz.	Pkt.
Cerise	\$0.50	\$0.15	Pink	\$0.50	\$0.15
Lilac	.50	.15	White	.50	.15
Scarlet	.50	.15	Mixed	.50	.15
Salmon	.50	.15	Flesh Color	.50	.15
Maroon	.50	.15	Primrose	.50	.15
Crimson	.50	.15	Yel. Sulphur	.50	.15

CHATER'S SUPERB SINGLE

Many prefer the single-flowering Hollyhocks, and we have arranged to procure the same well-known strain in the following single varieties:

	5 pkts.	Pkt.		5 pkts.	Pkt.
Pink	\$1.00	\$0.25	Primrose	\$1.00	\$0.25
Scarlet	1.00	.25	Yellow	1.00	.15
Purple	1.00	.25	Mixed	1.00	.25
White	1.00	.25			

‡*Humulus (Climbing Hop)*

Well known, fast growing, hardy annual. 15 to 20 feet.

	$\frac{1}{4}$ oz.	Oz.	Pkt.
japonicus (Japanese Hop). Beautifully cut green foliage; makes fine shade..	\$0.30	\$0.75	\$0.10
variegatus . With white variegated leaves. Fine.....	.50	1.25	.10

Impatiens (*Touch-me-not*)

Charming greenhouse and window garden plants that bloom profusely and almost continuously. Good also for bedding. 1 to 1½ feet. Pkt.

Holsti. Large vermilion flowers; quick grower; splendid \$0.25

Sultani. Bright, rosy carmine, fine for pots. 15

**Incarvillea*

Ornamental, hardy perennials, with brilliant, gloxinia-like flowers, continuous bloomers; succeed well in any situation and make a fine show in the garden. 2 to 3 feet. Pkt.

Delavayi. Rosy carmine; splendid border plant.....\$0.25

Ariabilis. Large, rose-colored flowers; fine sort for cutting..... .25

‡*Ipomoea*

Climbers of rapid growth, with beautiful and varied flowers. For covering walls, trellises, arbors, or stumps of trees they are invaluable. It is well to soak the seed in warm water overnight to assist in germination. Pkt.

Grandiflora mexicana alba (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows rapidly and will cover a large surface.....Oz. 75c.\$0.10

***Bona-nox** (Good Night, Evening Glory). Large, blue flowers open in the evening. 15 ft..... .10

IMPERIAL JAPANESE MORNING-GLORY Pkt.

Finest Single Mixed. Large-flowered, all colors.. Oz. 50c.\$0.10

Fringed Single Mixed. All beautifully fringed. 10

Double-flowered, Mixed. Superb mixture of double sorts..... .15

Rubrocaerulea, Heavenly Blue. The very large, clustered flowers of beautiful sky-blue open early in the morning. 10 ft..... .15

Quamoclit hybrida (Cardinal Climber). One of the best annual climbers introduced for many years.... .25

Quamoclit (Cypressvine). Beautiful twining annuals, with feathery, dark green foliage and star-like flowers. 20 ft.

Crimson. Very brilliant.....Oz. 50c. .10

White. Beautiful.....Oz. 50c. .10

Jacobs Ladder (*Polemonium*)

Beautiful, old-fashioned, hardy perennial border plants; flowers in clusters. 2 feet. $\frac{1}{4}$ oz. Pkt.

Blue.....\$0.50 \$0.10
White......50 .10

Jacobaea (*Senecio*)

Very free-flowering, hardy annuals of easy culture; good for both pots and bedding. 1 to 1½ feet. Pkt.

Tall Double, White.....\$0.10
Purple......10
Mixed......10

Kochia (*Summer-cypress*)

Pkt.

Trichophylla. A rapid-growing, hardy annual; foliage green, turning to fiery red in Autumn; very ornamental on the lawn; 2 to 3 feet. $\frac{1}{4}$ oz. 25c., $\frac{1}{2}$ oz. 40c., oz. 75c. \$0.10

‡**Kudzu Vine** (*Pueraria thunbergiana*)

Perennial climber from Japan; fine when once established, often growing 40 feet in a season. Purplish-violet, fragrant, wisteria-like flowers; good foliage. Pkt. 10c., $\frac{1}{4}$ oz. 30c.

Lathyrus (*Perennial Pea*)

Pkt.

Latifolius. H.P. These have not the fragrance of Sweet Peas, but bloom through a long season, are hardy, and will live for years. They make a beautiful screen for rocks, stumps, fences, etc. 4 to 8 ft.

Crimson.....\$0.10

Pink Beauty. Blossoms white, veined, edged and shaded pink......10

White......10

Mixed.....Oz. \$1.00 .10

Lavatera

Very showy and free-flowering, splendid for large beds in the garden where they bloom all Summer. Fine for cut flowers. Pkt.

Trimestris. H.A. Red; makes a brilliant show in the garden. 2½ ft.\$0.10

alba. H.A. White......10

Lavender

Pkt.

Lavandula vera. Well-known, hardy perennials; sweet-scented; should be grown extensively in mixed borders. Height 3 ft. $\frac{1}{4}$ oz. 50c. \$0.10

Leontopodium

Pkt.

Alpinum (Edelweiss). Hardy perennial from the Alps, with white leaves; used in rockwork. 6 in.\$0.15

Leptosyne

Fragrant, half-hardy annuals; large, marguerite-like flowers on long stems, good for cutting. 1 to 2 feet. Pkt.

Maritima. Yellow.....\$0.10

Stillmani. Golden yellow, blooms six weeks after sowing......15

Liatris (*Blazing Star; Gayfeather*)

A very attractive, native, hardy perennial. The purple and rosy-purple flowers are borne on long spikes. Excellent for cutting. 3 to 4 feet. July to September. Pkt.

Mixed Varieties.....\$0.10

Linaria (*Toadflax*)

Pkt.

Cymbalaria (Kenilworth-ivy). H.P. Charming, hardy perennial, trailing plants for baskets, rockwork, etc.\$0.10

Suttons Special Mixture......60

Linum (*Flax*)

Pretty, free-flowering garden plants of easy cultivation,
 1/4 oz. Pkt.

Grandiflorum rubrum. H.A. The favorite		
Scarlet Flax. Large-flowered. 1 ft.....	\$0.25	\$0.10
Perenne, Blue. Pretty.....	.35	.10

Lobelia

No garden is complete without an edging of blue Lobelia, and for a long season of bloom there is nothing that can take its place; also desirable for pots, hanging baskets, etc. Pkt.

Suttons Dwarf Royal Purple. Distinct dwarf variety, rich purple flowers, with white eye.....	\$0.60	
Suttons "Basket" Variety. Rich purple-blue, trailing variety, with white eye. Excellent for baskets.....	.35	
Tenuior. H.A. Upright habit, large, cobalt-blue flowers with white eye.....	.15	
Gracilis. Blue; trailing; beautiful for baskets.....	.10	
Speciosa, Crystal Palace. A favorite blue-flowered edging plant. 6 in.....	1/4 oz. \$1.00	.10
Alba. White flowers.....		.10
Crystal Palace compacta. Dark blue, for bedding. 6 in.....	1/4 oz. \$2.00	.15

PERENNIAL VARIETY

Cardinalis (Cardinalflower). This handsome, native perennial Lobelia is invaluable for the border or grouping among evergreens. 2 1/2 ft.....		.25
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Love-in-a-mist (*Nigella*)

Pretty and ornamental, hardy annuals, with feathery, fennel-like foliage and curious flowers; of easiest culture. Also called "Devil-in-a-bush." 1 to 1 1/2 feet. 1/4 oz. Pkt.

Double Blue.	\$0.30	\$0.10
Miss Jekyll. Beautiful, double, cornflower-blue.	.50	.10
Miss Jekyll. White.....	.35	.10

†Lychnis

Free flowering, hardy perennials, with brilliantly colored flowers; excellent for massing in beds and borders.

	1/4 oz.	Pkt.
Chalcedonica. Scarlet. 2 ft.....	\$0.50	\$0.10
Chalcedonica alba. White.....	.50	.10
Arkwrighti. New hybrids, excellent colors.....		.25

Lupinus (*Lupine*)

ANNUAL VARIETIES

These garden favorites are among the most beautiful of our hardy annuals; extremely varied in color, of the easiest culture, and bloom all Summer. Splendid for beds, borders, and backgrounds. 2 to 3 feet. 1/4 oz. Pkt.

Hartwegi. Blue.....	\$0.35	\$0.10
albus. White.....	.35	.10
roseus. Rose.....	.35	.10
Mixed	.25	.10

PERENNIAL VARIETIES

The hardy perennial varieties of the Lupines are extremely handsome and stately, bearing their beautiful flowers on erect, graceful spikes. Pkt.

Arboreus (Yellow Tree Lupine).....	\$0.10	
albus (Snow Queen). Pure white, very fine.....	.25	
Polyphyllus. Blue.....	1/4 oz. 35c.	.10
albus. White.....	1/4 oz. 35c.	.10
roseus. Rose, magnificent.....	1/4 oz. 35c.	.15
Mixed	1/2 oz. 50c.	.10

Regal Hybrids. See novelty page.

Matricaria (*Feverfew*)

Free-flowering, hardy annuals, with a profusion of dainty flowers; bloom all Summer; good for bedding or pots. 1 1/2 feet. 1/4 oz. Pkt.

Capensis fl. pl. Small, double, white flowers....	\$0.50	\$0.10
Eximia, Golden Ball. Golden yellow, fine for pots.....	1.00	.25
Silver Ball. Double white.....	1.00	.25

Malope

Very pretty, free-blooming, hardy annuals with mallow-like flowers. Sow the seed early; good for beds and borders. 2 to 3 feet. $\frac{1}{4}$ oz. Pkt.

Grandiflora. Pink.....	\$0.35	\$0.10
alba. White.....	.35	.10
rubra. Red.....	.35	.10
Mixed	.35	.10

Malva

Handsome garden plants that bloom all Summer; fine for cut flowers. $\frac{1}{4}$ oz. Pkt.

Moschata alba (Muskmallow). †H.P. White, fragrant. 2 ft.....	\$0.50	\$0.10
rosea. †H.P. Rose-flowered variety; fine....	.50	.10

Mathiola

Bicornis. A charming little annual with a most delicate odor perceptible at a considerable distance.. $\frac{1}{4}$ oz. 50c. Pkt. \$0.10

Martynia

Curious and handsome, half-hardy annuals for the border, with bright flowers, borne in profusion and followed by quaint pods which are used for pickling. $1\frac{1}{2}$ feet. Pkt.

Proboscidea. Reddish-white.....	\$0.10
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Marigold (*Tagetes*)

These, like the Calendulas, are valuable because they light the garden with such a grand glitter of yellow far into the frosts of Autumn. The dwarf varieties make a fine border for taller sorts, and both are effective when planted in groups or in garden borders. Hardy annuals. Average height, 1 to 2 feet.

AFRICAN VARIETIES	$\frac{1}{4}$ oz.	Pkt.
Eldorado. Large, quilled, perfectly double; brilliant shades of yellow.....	\$0.60	\$0.15
Lemon Ball. Very rich lemon-yellow.....	.60	.15
Orange Ball	.60	.15
Mixed Double Oz. \$1.25	.50	.10

FRENCH VARIETIES

Dwarf Striped. Flowers handsomely marked.	.60	.10
Legion of Honor (Little Brownie). Single; golden yellow, marked velvety red.....	.60	.10
Dwarf Mixed, Double oz. \$1.25	.50	.10

Mesembryanthemum

These beautiful, half-hardy annuals flower profusely in dry and sunny situations; fine as edging plants. 6 inches. Pkt.

Cordifolium variegatum. Rose, cream foliage, very dwarf; a fine variety for carpet bedding or for edging and for rockwork.....	\$0.15
Crystallinum (Iceplant). Singular icy foliage; flowers white.....	$\frac{1}{4}$ oz. 40c. .10

Mignonette (*Reseda odorata*)

Seed of this popular hardy annual can be sown at any time, and if successive sowings are made, its fragrant, modest-colored flowers may be gathered outdoors until November. Sow outdoors in rows about April 1st, and again regularly at intervals of about three weeks till August. 1 foot. $\frac{1}{4}$ oz. Pkt.

N. Y. Market. Extra choice strain for greenhouse.....	\$2.00	\$0.50
Suttons Pot Variety. Very dwarf, with large spikes; good for pot culture.....		.40
Reseda odorata grandiflora (Sweet Mignonette).	.75	.10
Allens Defiance. Spikes of great length, very fragrant and fine for cutting. $1\frac{1}{2}$ ft. . Oz. \$1.00	.40	.10
Crimson Giant (<i>Ameliorata</i>). Red-flowered..		.10
Golden Queen. Golden yellow.....		.10
Goliath. Red; enormous spikes; striking; very sweet-scented.....	.75	.15
Machet, Dwarf. Deep red.....	.50	.10

Mimosa (*Sensitiveplant*)

		Pkt.
Pudica.	A curious and interesting half-hardy annual, with pinkish flowers; leaves close when touched.	
1½ ft.....		\$0.10

Nasturtium

No other hardy annual will produce such a lavish profusion of flowers for so long a time with the same small outlay of time and labor. The tall varieties make a very effective display when trained on fences or trellises, and the low sorts are fine for edging and massing.

DWARF or TOM THUMB (*Tropaeolum nanum*)

These have a neat, compact habit and attractive foliage, they bloom in two months from sowing and most profusely the whole season. 1 foot.

	Oz.	Pkt.
Beauty. Yellow and scarlet.....	\$0.30	\$0.10
Bronze Color. Distinct.....	.30	.10
Empress of India. Deep crimson, fine dark foliage.....	.30	.10
Golden Cloth. Golden yellow leaves; scarlet flowers.....	.30	.10
Golden King. Golden yellow.....	.30	.10
King of Tom Thumbs. Scarlet; fine color....	.30	.10
King Theodore. Black, velvety, darkest of all.	.30	.10
Ruby King. Ruby-red, large flowers, dark-leaved; fine and very profuse.....	.30	.10
Mixed, All Sorts. ¼ lb. 60c., ½ lb. \$1.10. lb. \$2.00	.20	.10

TALL or CLIMBING (*Tropaeolum majus*)

For trailing over fences, trellises, stone walls, etc. 8 to 12 feet.

	Oz.	Pkt.
Dark Crimson	\$0.20	\$0.10
King Theodore. Black.....	.20	.10
Pearl (Moonlight). Whitish.....	.20	.10
Fine Mixed ¼ lb. 50c., ½ lb. 80c., lb. \$1.50	.15	.10

Mimulus

Showy, half-hardy annuals, with handsome flowers; excellent for pots or garden. 6 inches.

	Pkt.
Tigrinus, Spotted, Mixed	\$0.15
Moschatus (Musk Plant). Fragrant; for pots.....	.15

‡ **Momordica** (*Balsamapple*)

Handsome and ornamental, climbing, half-hardy annuals with yellow flowers; fine for covering rockwork, trellises, etc. 10 feet.

	Oz.	Pkt.
Balsamina (Balsamapple). Apple-shaped fruit; glossy, green foliage, often used for its medicinal qualities.....	\$0.75	\$0.10
Charantia (Balsam-pear). Pear-shaped fruit; heavy green foliage.....	.75	.10

Musa (*Abyssinian Banana*)

	Pkt.
Ensete. T.P. An elegant, ornamental-leaved plant for groups or singly in the Summer garden; grows very fast in rich and moist soil. 10 feet.....	\$0.25

Nemesia

Very pretty and neat-flowering hardy annual for edgings; attractive, bright-colored flowers. 1 foot.

	Pkt.
Strumosa suttoni grandiflora. Many rich and rare colors; flowers large; foliage beautiful....	5 pkts. \$1.00 \$0.25
Suttons "Aurora." Crimson and white.....	.60
Suttons "Twilight." Blue and white.....	.60
Suttons "Blue Gem." Beautiful blue.....	.50
Suttons Selected Hybrids, Mixed	.60

Nemophila

Very pretty, dwarf-growing, hardy annuals of easy culture. Good for edgings, rockeries or beds; moist soil and partial shade is favorable for them. 1 foot. Pkt.

Insignis. Clear, blue white center.....	\$0.10
alba. Pure white	.10
Mixed	Oz. 50c. .10

Nicotiana

Showy and free-blooming, half-hardy annuals; great garden favorites; in flower all Summer; tubular-shaped flowers. 3 feet. $\frac{1}{4}$ oz. Pkt.

Affinis. White; very fragrant.....	\$0.35	\$0.10
hybrida. Beautiful shades, mixed.....	.50	.10
Sanderae Hybrids	.50	.15

Oenothera (*Evening Primrose*) Pkt.

Fraseri. H.P. Beautiful yellow.....	\$0.25
Lamarckiana. H.P. Large yellow.....	.25

Pansy

Pansies will succeed in any soil that is not too hot and dry. In early Spring the seed should be sown in frames or in boxes for Summer blooming. Late sowings may be made about July outdoors in a partially shaded place, transplanting in October or November into where they are intended to flower the following season $\frac{1}{4}$ oz. Pkt.

Livingstone's Superb Exhibition Mixture.

The richest and most choicely varied mixture possible. Produces only the finest colors, largest flowers and most beautiful forms. $\frac{1}{8}$ oz. \$2.50 ... \$1.00

Cassier, Finest Mixed. Flowers of grand size, beautifully spotted.....	\$2.00	.25
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Masterpiece. Curled, wavy petals; splendid colors; distinct.....	2.00	.25
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Livingstone's Scotch Mixture. This strain secured from a famous Scotch grower.....	2.50	.50
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Madam Perret. A splendid, giant-flowered strain comprising all shades of red from light rose to dark purple, some of them finely striped.	2.50	.25
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GIANT VARIETIES $\frac{1}{4}$ oz. Oz. Pkt.

Adonis. Light blue.....	\$1.25	\$4.00	\$0.15
Azure Blue. Sky-blue.....	1.25	4.00	.15
Bronze Queen. Rich bronze.....	1.25	4.00	.15
Emperor. Ultramarine blue.....	1.25	4.00	.15
Fire King. Crimson and gold.....	1.25	4.00	.15
Giant Snow Queen. Pure white.....	1.25	4.00	.15
Giant White. White, purple eye.....	1.25	4.00	.15
Golden Queen. Pure yellow.....	1.25	4.00	.15
Giant Golden. Yellow, dark eye.....	1.25	4.00	.15
Giant Striped. Mahogany, striped white.	1.25	4.00	.15
King of the Blacks. Glossy black.....	1.25	4.00	.15
Lord Beaconsfield. Purple violet.....	1.25	4.00	.15
Royal Purple. Rich royal blue.....	1.25	4.00	.15
Victoria. Wine-red.....	1.25	4.00	.15
Giant Mixture	1.00	3.00	.10

Collection, 6 varieties, 75c., 12 varieties, \$1.25

Passiflora (*Passionflower*)

Handsome, rapid-growing perennial climber for greenhouse decoration or sunny positions in the open ground in Summer. Pkt.

Caerulea. H.H.P. Blue.....	\$0.15
alba. Large white flowers.....	.15

Pentstemon (*Beardtongue*)

Beautiful, herbaceous perennials; very hardy and free-flowering; fine for beds and borders or rock gardens; excellent cut flowers. Pkt.

Suttons "Pink Shades." Beautiful shades of pink, rose, etc.....	\$0.75
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Gloxinioides Sensation. Plants producing large spikes of gloxinia-like flowers of the most brilliant and varied colors. 2 ft.....	.15
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Livingstone's New Hybrids, Mixed. Produces large spikes of handsome flowers. 3 ft.....	1-16 oz. \$1.00 .25
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Petunia

There is no more deserving flower than the Petunia. Quick to bloom in the early Summer, it gives us a bright display long after the first frost has wrought its damage. Seeds must be carefully handled, as they are extremely fine, but the plants are of easiest culture. We call especial attention to our large-flowering strains, which for size and brilliancy of coloring cannot be surpassed.

SINGLE LARGE-FLOWERING

These have flowers 4 or more inches across. Our strains are superb. Pkt.

Purple King. Royal in color and size.....	\$0.25
Rose. Brilliant rose; a charming shade.....	.25
Superbissima, Mixed. Large, yellow-throated varieties; they make a brilliant show in the garden....	.50
Giants of California, Single Mixed. Special choice strain.....	.25
White. Clear, paperwhite flowers of unusual size.....	.25

SINGLE FRINGED, LARGE-FLOWERING

These have deeply cut and fluted margins. Pkt.

Single Fringed White. Pure white.....	\$0.25
Single Fringed Rose. Brilliant rose.....	.25
Single Fringed Crimson. Dazzling crimson.....	.25
Ruffled Giants. Extra large flowers, ruffled, fluted and fringed.....	.25

DOUBLE LARGE-FLOWERING

Pkt.

Fringed Crimson. Gorgeous colors, extra large flowers.....	\$0.50
Fringed Heliotrope. Mauve and heliotrope colorings.....	.50
Fringed Rose	.50
Fringed Large-flowered, Mixed. Flowers large and much beruffled.....	.50

SINGLE BEDDING VARIETIES

Smaller-flowered sorts, found most valuable for beds and masses. 1 foot. Pkt.

Countess of Ellesmere. Dark rose with fine white throat.....	\$0.10
Rose of Heaven (New). Improvement over Rosy Morn. Beautiful clear pink.....	.25
Howards Star. Rich crimson, distinct white star in center; very showy and attractive.....	.15
Rosy Morn. Bright, rosy pink, with white throat; very charming, compact and free flowering; for bedding..	1/8 oz. 75c. .15
White. Pure white, compact grower. A very good white sort.....	1/8 oz. 60c. .15
Inimitable, Mixed. Striped and spotted.....	.10
Mixed Single. Fine colors.....	1/4 oz. 40c. .10
Balcony Blue. Adapted for vases or windows.....	.25
Balcony Rose. Brilliant rose pink.....	.25
Balcony White. Pure white.....	.25

†Physalis (*Chinese Lantern-plant*)

Pkt.

Francheti. A very ornamental, hardy perennial; has large, orange fruits which, dried, are beautiful in Winter bouquets. 2 ft.....	5 pkts. \$1.00 \$0.25
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Physostegia (*Obedient-plant*)

A valuable, Summer-flowering, hardy perennial border plant, delicate, white flowers on long stems; good for cutting. 3 feet. Pkt.

Virginica alba. Pure white.....	\$0.15
Virginica Pink. Lilac-pink.....	.15

Potentilla

Hardy perennials. Foliage ornamental, blooms all Summer; of the easiest cultivation. 2 feet. Pkt.

Mixed. Brilliant colors.....	\$0.10
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Phlox drummondii (*Flame Flower*)

The hardy annual Phloxes are dazzling in effect. The first sowings should be made as soon as the frost is out of the ground in Spring. Average height, 1 foot. $\frac{1}{4}$ oz. Pkt.

Grandiflora alba. Pure white flowers borne in profusion all Summer.....	\$1.00	\$0.10
Dark Purple.	1.00	.10
Crimson. Bright color.....	1.00	.10
rosea. Rose.....	1.00	.10
Mixed. Splendid, large-flowering sorts.....	.60	.10
Isabellina. Pure yellow.....	1.00	.10
Chamois Rose. Shell pink.....	1.00	.10

DWARF VARIETIES

Plants of this charming section grow only 6 to 8 inches high and form dense masses of bloom all Summer. They are especially useful for beds, edgings, etc. Pkt.

Purple. Rich dark color.....	\$0.10	
Snowball. Pure white.....	.10	
Chamois Rose. Shell-pink.....	.10	
Fireball. Bright scarlet.....	.10	
Yellow.	.10	
Mixed.	$\frac{1}{4}$ oz. \$1.00	.10

Perennial Phlox

This hardy sort makes bushes about 3 feet high, bearing large heads of finely colored flowers. $\frac{1}{4}$ oz. Pkt.

Decussata, Mixed.	\$0.75	\$0.10
Large-flowered Hybrids, Mixed.	1.00	.15

Pinks (*Dianthus*)

A most satisfactory class of flowers, easily raised from seed, are in constant bloom the entire season; excellent for cutting. $\frac{1}{4}$ oz. Pkt.

Chinensis (China or Indian Pinks).		
Double White.		\$0.15
Double Mixed. All best colors.....	Oz. \$1.00	\$0.30 .10
Single Mixed.		.10
Heddewigi (Japan Pinks). Unusually large and brilliant; often oddly edged, striped and ringed.		
Single Crimson Belle. Flowers large and handsome, dark red, on long, stiff stems....		.10
Single Eastern Queen. Rose-colored flowers, 2 to 4 in. across; finely striped and stained..		.10
Mixed.	.50	.10
Double Mixed. A splendid assortment.....	.50	.10
Double diadematus fl. pl. (Diadem Pink). Double; magnificent in color and variety...	.75	.10
Double, Fireball. Brilliant scarlet; very compact and floriferous vines; for massing....	1.00	.10
Double, Mourning Pink. Very large, double flowers of blackish crimson, fringed white. Very effective, and a handsome cut flower..		.10
Single Fringed Salmon Queen. Beautiful salmon.....	.50	.10
Laciniatus, Single Mixed. Fringed flowers of all colors.....	.35	.10
Fringed Double Mixed.	.50	.10
Plumarius (Sweet May Pinks). These are fine fragrant, hardy perennials of the old time gardens. Most beautiful for massing and cutting.		
Single Pinks, Mixed.	.40	.10
Double Mixed. Extra fine.....		.20
Double Scoticus (Scotch Pinks).....		.25

Platycodon (*Chinese Bellflower*)

Handsome, hardy perennials that do best in light, dry situations; bushy growth; bear large, bell-shaped flowers in great profusion. $\frac{1}{4}$ oz. Oz.

Grandiflorum. Deep blue. 2 ft.....	\$0.75	\$0.10
album. White. 2 ft.....	.75	.10
Grandiflorum mariesi. Dwarf violet-blue....		.10

Poppy (*Papaver*)

Few flowers have the same grace of stem, airiness of poise and delicacy of tissue. For beds and borders, with a background of green, there is nothing finer. The Shirley is beautiful for cutting. It is well to sow the seed where the plants are to bloom. Sowings made in Fall and at intervals in Spring.

PERENNIAL VARIETIES

	Pkt.
Orientele. Enormous flowers of deep, flashing scarlet, with black spots in center; entirely hardy anywhere; fine for cutting. 3 ft.	\$0.15
Mrs. Perry. Salmon-rose.	.25
Mixed Hybrids. Finest shades.	.15
Nudicaule (Iceland Poppy). These dwarf, bright yellow Poppies form one of the chief attractions of the garden through several months. 1 ft.	.15
aurantiacum coccineum. Orange-red. All of this class have crimped petals and peculiar grace.	.15
Mixed. $\frac{1}{4}$ oz. 75c.	.15
Bakers Sunbeam. Improved strain of Poppies similar to the Iceland Poppy, but the length of stem and large flowers are beautiful.	.35

ANNUAL VARIETIES

This section includes fine double and single flowers of greatly varying sizes, self-colored, and daintily edged. Average height, 3 feet. $\frac{1}{4}$ oz. Pkt.

Giant White. White flowers of grand form and size, with silky petals. 3 to 4 ft.	\$0.10
English Scarlet Field Poppy.	.10
Maid of the Mist. Pure white, single, very large deeply fringed. 3 to 4 ft.	.10
Shirley Rose-pink.	.50
Pure White.	.50
Best Mixed. Indescribably bright, dainty and gauzy; a favorite for cutting.	.50
Double Carnation-flowered Mixed. Very double; fringed.	.50
Peony-flowered Mixed. Large, handsome flowers of many colors.	.25
Ranunculus-flowered Mixed. Flowers small, finely formed, double.	.50

Portulaca

Brilliant, hardy annual, of easy culture; excellent for massing in beds, edging or rockwork, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors.

SINGLE VARIETIES

	$\frac{1}{4}$ oz.	Pkt.
Yellow.	\$0.50	\$0.10
Scarlet.	.50	.10
Albiflora. Pure white.	.50	.10
Rosea. Rich rose.	.50	.10
Splendens. Crimson.	.50	.10
Mixed.	.40	.10

DOUBLE VARIETIES

These flowers are so full and perfect as to resemble tiny		
Roses.	$\frac{1}{4}$ oz.	Pkt.
Rose.	\$1.50	\$0.15
Scarlet.	1.50	.15
White.	1.50	.15
Yellow.	1.50	.15
Mixed.	1.25	.15

Pyrethrum

A valuable hardy garden plant with yellow foliage. Suitable for edgings and ribbon beds. H.P. 1 foot. Pkt.

Aureum (Golden Feather). Bright yellow foliage, fine for bedding. $\frac{1}{4}$ oz. 50c.	\$0.10
Roseum hybridum, Single Mixed.	.15
Double Mixed. All colors.	.25

Primula (*Primrose*)

Greenhouse plant, perennial. *Primula*, or Chinese Primrose, stands in the first rank among greenhouse plants, for decorations in the home or conservatory. Sow seeds in a light, rich soil, in shallow boxes, at any time from the middle of March to the end of May. Average height, 9 inches. Pkt.

Single sinensis fimbriata alba magnifica. Pure white, fringed, extra choice.....	\$0.75
Single fimbriata, Bright Rose. Dainty fringed flowers.....	.50
Single fimbriata coccinea. Bright red, fringed.....	.75
Single fimbriata caerulea. Blue; fringed.....	.75
Single fimbriata Salmon.	.75
Single fimbriata, Extra Fine Mixed. Fringed.....	.50
Double fimbriata White.	.75
Double fimbriata Scarlet.	.75
Double fimbriata Blue.	.75
Double fimbriata Rose.	.75
Double fimbriata Salmon.	.75
Double fimbriata Mixed.	.75
Stellata, Blue Star Improved. This is a strain of really Giant Blue Star Primulas. Very desirable.....	.75
Crimson. The grandest colored of all Star Primulas. Rich crimson blooms.....	.75
Salmon-pink. Greatly improved strain. Fine for table decoration.....	.75
Mixed (Star Primulas). Very floriferous.....	.75
White	...
Malacoides. Resembles <i>Primula forbesi</i> , but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing and continue for a long time; color, a pretty light lilac....	.25
alba. Flowers pure white.....	.25
superba. Deep rosy pink; large.....	.25
Pink Beauty.	.50
Kewensis. This variety is most attractive, with pleasing, bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant.....	.25
Obconica gigantea White.	.50
Carmine.	.50
Crimson.	.50
Rose.	.50
Lilac.	.50
Mixed.	.50
Japanica hybrida, Mixed. H.P. From a fine collection.....	.15
Vulgaris (English Primrose). Canary-yellow.....	.25
Suttons Selected Hybrids. Very large flowers.....	.50
Forbesi (Baby Primrose). Small lavender flowers....	.25

Rhodanthe

Everlasting flowers, much prized for Winter bouquets. Half-hardy annuals. 1½ feet. Pkt.

Maculata. Rose, with dark center.....	\$0.10
alba. Pure white.....	.10
Mixed.	.10

Ricinus (*Castor Oil Plant*)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing a subtropical effect; grown either as specimens or in groups. Half-hardy annual.

	Oz.	Pkt.
Cambodgensis. Glistening dark maroon; stems black. 5 ft.....	\$0.40	\$0.10
Sanguineus. Red stems and seeds. 6 ft.....	.40	.10
Mixed. Fine sorts.....	.35	.10
Zanzibarensis Mixed.	.50	.10

Rocket (*Sweet Rocket, Hesperis*)

Spring-flowering, hardy herbaceous perennials, fragrant, easily grown in light soil; transplant frequently. Very free-blooming. ¼ oz. Pkt.

Matronalis. Purple. 3 ft.....	\$0.25	\$0.10
alba. White, fine cut flower. 3 ft.....	.25	.10
Mixed.	.25	.10

Rudbeckia (Coneflower)

Large, yellow flowers with dark central cones; easily grown. Pkt.

Bicolor superba. H.A. Golden yellow; long stems. 2 ft. \$0.15

Newmanni. H.P. Vivid orange-yellow. 3 ft. 15

Salpiglossis superbissima

Hardy annual. One of the prettiest annuals, of easy culture; very showy in beds or borders. A great favorite among annuals, of easy culture with orchid-like flowers from early Summer until late Fall. 2 feet.

EMPEROR STRAIN

	1/8 oz.	Pkt.
Purplish Violet.	\$0.50	\$0.15
Pink. Bright pink.....	.50	.15
Light Blue. Veined gold.....	.50	.15
Golden Yellow. Rich color.....	.50	.15
Scarlet. Rich color.....	.50	.15
Brown with Gold.	.50	.15
Finest Mixed.	.75	.15

Collection, 1 pkt. each of 6 separate varieties, 75c.

Sanvitalia

	1/4 oz.	Pkt.
Procumbens fl. pl. Beautiful, dwarf-growing, hardy annual for beds or borders; bright yellow, double flowers; blooms all Summer. 6 in.	\$0.50	\$0.10

Saponaria (Bouncing-bet)

Pretty, dwarf bedding plants, especially adapted for edgings and borders; long and profuse bloomers. 1 foot. Pkt.

Ocymoides. H.P. Rose-colored flowers; trailing; blooms early; fine for rockwork. 6 in. \$0.15

Caucasica fl. pl. Double. H.P. White tinted rose. 15 in. 15

‡Smilax (Myrsiphyllum asparagoides)

A well-known greenhouse climber, with small, dark green foliage; of great value in floral work. 8 feet. Pkt. 10c., oz. \$1.00.

Salvia (Flowering Sage)

Salvia has long been a favorite bedding plant, bearing long spikes of flowers in great profusion from July till frost; blooming the first year from seed. Half-hardy perennial. Pkt.

Azurea grandiflora. H.P. Pretty sky-blue flowers, bloom during August and September. Height 2 to 3 ft. \$0.25

Argentea. H.P. Silver-leaved, flowers white, blooms in Spring. 15

Farinacea. H.A. Light blue flowers in great abundance; good for cutting; forms a neat bush. 3 ft. 15

Patens. A handsome hardy perennial, with erect spikes or rich, blue flowers. 2 ft. 25

Grandiflora, Scarlet. A rich-flowered bedder; long spikes. 3 ft. 1/4 oz. 60c. .10

Bonfire. The freest blooming of all. 2 1/2 ft. 1/4 oz. \$1.50 .10

Early Dwarf Zurich. Grows only 12 to 15 in. high. Color brilliant scarlet; splendid bedding variety. 1/4 oz. \$1.50 .20

America or Globe of Fire. Very early and free bloomer. 1/8 oz. \$1.00 .25

Schizanthus

Very beautiful and showy, hardy annuals, fine for beds and borders in the Summer garden. 1/2 to 2 feet. Pkt.

Wisetonensis "Excelsior." H.A. Extra selected variety of Wisetonensis. \$0.25

Garraways Hybrids. Beautiful strain, large, handsome markings on white, buff or purple ground. 50

Livingstone's Exhibition Strain. This variety of seed saved from one of the best growers of exhibition varieties. This strain has been awarded many prizes both for colors and size of flowers. 75

Fine Mixed. Seed saved from tall varieties. 10

Suttons Selected Mixed. All excellent varieties. 60

Scabiosa (Mourning Bride)

Well-established garden favorites. They grow about 2 feet high and flower through the Summer until frost. Sow seed outdoors in Spring when danger from frost is past.

TALL, LARGE-FLOWERING ANNUAL VARIETIES

	$\frac{1}{4}$ oz.	Pkt.
Azure Fairy. Heavenly blue.....	\$0.50	\$0.10
Flesh Color. Delicate tone of pink.....	.50	.10
King of Blacks. Velvety black purple.....	.50	.10
King of Scarlets. Fiery scarlet.....	.50	.10
Rose. Soft rose color.....	.50	.10
Snowball. Pure white.....	.50	.10
Yellow. Sulphur yellow.....	.50	.10
Mixed. All colors.....	.50	.10

Collection, 1 pkt. each 7 varieties 60c.

PERENNIAL VARIETIES

	Pkt.
Caucasica (Blue-bonnet). H.P. This hardy perennial should be in every garden. Splendid for cutting...	\$0.15
Caucasica alba. White.....	.25
Japanica. Lavender-blue.....	.25

Sedum (Stonecrop)

Showy and useful little plants for carpet bedding, edgings, rockwork, stone walls, etc.

	Pkt.
Caeruleum. H.A. Blue. 4 in.....	\$0.15

Silene (Catchfly)

Hardy annuals, suitable for rockwork or garden beds and borders, blooming all Summer. 1 foot.

	Pkt.
Pendula. Red.....	\$0.10
alba. White.....	.10
Mixed	.10

Snapdragon (Antirrhinum)

The Snapdragon is one of our finest perennials, flowering the first year from seed. For early flowers sow under glass in February or March and transplant into beds of warm, dry soil, moderately enriched. Height 2 feet.

	$\frac{1}{8}$ oz.	Pkt.
Dwarf Black Prince. Dark-leaved blackish crimson-purple.....	\$0.50	\$0.15
Dwarf Defiance. Fiery scarlet.....	.50	.15
Dwarf Golden Queen grandiflora. Pure yellow.....	.50	.15
Dwarf Queen of the North. White.....	.50	.15
Dwarf roseum superbum. Rosy-pink.....	.75	.15
Dwarf the Bride. White, changing to delicate rose.....	.50	.15
Bonfire. Bright cinnabar red, yellow blotch....	$\frac{1}{4}$ oz. \$0.75	\$0.15
Coral Red. Rich, with red throat.....	.75	.15
Defiance. Fiery-scarlet.....	.75	.15
Firefly. Scarlet and white.....	.50	.15
Indian Summer. A rich velvety and glossy copper color.....	.50	.15
Keystone. Fine forcing pink.....	.50	.15
Nelrose. Rich coral pink. A splendid forcer...	.75	.15
Philadelphia Pink. A beautiful greenhouse pink.....	$\frac{1}{8}$ oz. \$1.25	.50
Queen Victoria. Large white.....	.50	.15
Roseum. Rose.....	.50	.15
Ruby. Pure ruby red.....	.50	.15
Salmon Pink. Very large flowering.....	.75	.15
Silver Pink. A large flowering variety. Ramsburg strain.....	.25	.15
Scarlet Giant. A fine forcer.....	.25	.15
Striped. Odd and pretty.....	.50	.15
Venus. Delicate rose on white ground.....	.50	.15
Giant Yellow	.60	.15
Dwarf Fine Mixed	.60	.15
Large-flowered Mixed	.60	.15

Collection, 6 varieties, dwarf type, 75c.

GOLDING'S OWN (NOVELTY)

See Novelty Page

Solanum

Greenhouse plants, perennial. Fine for Winter decoration in the house or conservatory. 1 to 3 feet. Pkt.

Capsicastrum (Jerusalem-cherry). Scarlet, globular berries; fine for pots. 1 to 1½ feet. \$0.15
Cleveland. Valuable for pots. Bright red. .25

Statice (Sea-lavender)

Good for rockwork; much valued when dried as everlasting for Winter bouquets. 1 to 2 feet. Pkt.

Bonduelli. Bright yellow. \$0.10
Sinuata. H.A. Blue; very fine. .15
candidissima. H.A. White; fine for edging. .15
Rose. Bright rose. .15
Suworowi. Beautiful rose. .10
Perezi. H.H.P. New beautiful bright blue for borders or greenhouses. .50

Stocks (Matthiola)

The charming colors, delightful fragrance, and free blooming character of the stocks have made them favorite plants for both Summer and Winter cultivation. They are very effective for beds and borders. H.H.A. 1½ feet. Pkt.

Giant Bismarck (Ten-weeks). Excellent for greenhouses.

White. \$0.25
Blood Red. .25
Chamois Pink. Beautiful pink. .25
Lilac. Delicate. .25
Yellow. Pure yellow. .25
Rose. .25
Dark Blue. .25

Collection, 1 pkt. each, 6 varieties, \$1.25

Winter-flowering Cut-and-come-again, Princess

Alice, White. .25
Empress Augusta Victoria. Delicate silvery-lilac. .25
Livingstone's Large-flowering Ten-weeks Mixed. 1/8 oz. \$1.00 .15

Lenox Strain. See novelties.

WINTER-FLOWERING or BEAUTY STOCKS

This variety is now recognized as the most valuable of all Stocks for cutting purposes and the most popular for general use. 1/8 oz. Pkt.

Almond Blossom. White, shaded carmine. \$1.00 \$0.25
Abundance. Carmine rose. 1.00 .25
Beauty of Nice. Delicate pink. 1.00 .25
Crimson King. Rich crimson. 1.00 .25
Empress Augusta Victoria. Rich blue. 1.00 .25
Empress Elizabeth. Deep rose. 1.00 .25
Mont Blanc. Purest white. 1.00 .25
Princess Alice. Large double white. 1.00 .25
Queen Alexandra. Fine lilac. 1.00 .25
Monte Carlo. Clear yellow. 1.00 .25
Mixed. .25

Collection, 1 pkt. each, 6 varieties, \$1.25

Streptocarpus hybridus

Pkt.

Hybridus. A new hybrid race of the Cape Primrose, the flowers somewhat resembling those of the Gloxinia, but smaller. Used for greenhouse decoration. Choice mixed. \$0.50

Stokesia (Cornflower Aster)

This popular hardy perennial bears, all Summer, large, attractive flowers resembling semi-double Asters. Fine for cut flowers. 2 feet. Pkt.

Cyanea. Lavender-blue, handsome. \$0.10
Mixed. .10

SWEET PEAS

Livingstone's Early Winter-flowering
Giant Spencers

A valuable race of early-flowering Sweet Peas, which from an August sowing in pots will give an abundance of bloom under glass from Christmas onwards. On account of their delicious perfume, Sweet Peas are particularly welcome during the dark days of Winters.

	Oz.	Pkt.
Early Blue Bird. A charming shade of blue. Fine large flowers, borne in fours.....	\$1.00	\$0.25
Early Heatherbell. A beautiful shade of rich lavender-mauve.....	1.00	.25
Early Hercules. Giant rose-pink.....	1.00	.25
Early King. A glowing, rich, bright crimson of great size.....	1.00	.25
Early Melody. Beautiful shade of soft rose-pink.....	1.00	.25
Early Morning Star. A beautiful shade of or- ange-scarlet.....	1.00	.25
Early Snowflake. Pure white.....	1.00	.25
Early Songbird. A pale pink variety.....	1.00	.25
Early Spring Maid. Light cream pink.....	1.00	.25
Fordhook Orange. Rich salmon suffused with bright orange.....	2.00	.25
Fordhook Rose. Rosy carmine.....	1.00	.25
Glitters. Standard a bright, fiery orange and the wings deep orange.....	1.50	.25
Illumination. Salmon-cerise, suffused orange.....	1.50	.25
Jeanne Mamitsch. Improved Zvolaneks rose.....	2.00	.25
Mrs. Kerr. A most pleasing shade of salmon- pink overlaid and suffused with orange.....	2.50	.30
Mrs. Warren Harding. A deep shade of silvery blue, known as the "Harding Blue." Beauti- fully frilled.....	2.50	.30
Orange Beauty. Glowing orange-scarlet with softer colored wings.....	1.00	.25
Red Orchid. Bright, cherry red.....	1.00	.25
Rose Queen. A very fine true rose color.....	1.00	.25
Snowstorm, Improved. Best early white.....	1.00	.25
True Blue. Charming shade of true or light violet blue.....	1.00	.25
Venus. White, slightly blushed pink.....	1.00	.25
White Orchid. Pure white.....	1.00	.25
White Star. Pure white, of largest size, beauti- fully waved.....	2.50	.30
Yarrowa. Color a pleasing shade of bright rose pink with lighter wings.....	1.00	.25
Zvolanek's Rose. One of the best in the rose- pink class. The flowers are large and bold....	1.00	.25
Early-flowering Mixed	1.00	.25

Summer-flowering Spencer Sweet Peas

These are noted for their unusually large-sized flowers and for the waved or fluted appearance of the petals.

One ounce will plant a row of 20 to 30 feet

BLUE (LIGHT AND DARK)	Oz.	Pkt.
Asta Ohn. Lavender, tinted mauve; delicate coloring. Very large.....	\$0.50	\$0.10
Captain of the Blues Spencer. A fine purple.....	.50	.10
Commander Godsall. Violet blue, excellent for exhibition.....	.75	.15
Flora Norton Spencer. Bright blue, slightly tinged with purple.....	.50	.10
Florence Nightingale. Immense flowers, soft clear lavender.....	.50	.10
Hawmark Lavender. True clear light lavender.....	.75	.15
Margaret Madison. Delicate azure blue, shaded mauve.....	.50	.10
Masterpiece. Lavender.....	.50	.10
Royal Purple. Rich, warm, rosy-purple; immense flowers.....	.50	.10
Wedgwood Blue. Silvery blue.....	.50	.10

SWEET PEAS—Continued

CRIMSON AND MAROON

Charity. Color rich brilliant crimson. The standard is large and bold.....	\$0.60	\$0.15
King Edward VII. Crimson.....	.50	.10
Nubian. A maroon or deep chocolate-colored self of great merit.....	.50	.10
Othello Spencer. An elegant rich, deep maroon.....	.50	.10
Warrior. Dark maroon, almost black.....	.50	.10

PINK

Apple Blossom Spencer. Rose standards; blush-rose wings; large flowers.....	\$0.50	\$0.10
Countess Spencer. Beautiful, soft rose-pink. One of the best.....	.50	.10
Elfrida Pearson. Giant shell-pink.....	.50	.10
Hawlmarmk Pink. Rose-pink, flushed salmon... ..	.50	.10
Mary Pickford. Fine rose-pink.....	1.50	.25
Picture. Finest salmon-pink, large flowers....	.75	.15
Valentine. The finest blush pink.....	.75	.15

SALMON AND ORANGE

Fiery Cross. Red-orange-cerise; very brilliant.....	\$0.50	\$0.10
Helen Lewis. A very fine orange-pink; most showy.....	.50	.10
Mrs. Hardcastle Sykes. Beautiful light salmon-pink; large flower.....	.50	.10
Robert Sydenham. Bright orange salmon, self-colored.....	.50	.10
Tangerine. The best orange shade.....	.75	.15

SCARLET

Cardinal. Intense poppy-scarlet, large-waved flowers, borne four to a stem. The best sun-proof scarlet.....	\$0.50	\$0.10
Royal Scot. Scarlet-cerise.....	.50	.10
Vermilion Brilliant. Pure scarlet, sunproof... ..	.50	.10

WHITE

Annie Ireland. White, edged with terra cotta pink.....	\$0.75	\$0.15
Constance Hinton. The finest black-seeded white.....	.50	.10
Edna May Improved. Beautiful large white..	1.00	.25
King White. Pure white; flowers of enormous size and fine form.....	.50	.10
White Spencer. Pure white; large, beautifully waved flower.....	.50	.10

YELLOW SHADES

Clara Curtis. Primrose.....	\$0.50	\$0.10
Dobbies Cream. Fine, large primrose.....	.50	.10
Primrose Spencer. Light primrose-yellow, finest formed flowers.....	.50	.10
Livingstone's Spencer Mixed. A very fine assortment of all the best varieties.....		
	$\frac{1}{4}$ lb. 85c., lb. \$2.50	.30 .10

Livingstone's Exhibition Collection

In the following list of Sweet Peas we have included only the cream of novelties of recent years. These varieties are all of the Spencer type, and are indispensable for the show bench. The varieties are fully described in our general list of Sweet Peas.

Annie Ireland. Picotee-edged.	Hawlmarmk Pink. Rose-pink.
Charity. Crimson.	Commander Godsall. Violet-blue.
Constance Hinton. Pure white.	Royal Scot. Scarlet.
Dobbies Cream. Cream yellow.	Valentine. Blush pink.
Picture. Cream pink.	Warrior. Maroon.
Hawlmarmk Lavender. Lav.	Margaret Madison. Azure blue.

Collection, 1 pkt. each of the above 12 varieties, \$1.50
Collection, $\frac{1}{4}$ oz. each of the above 12 varieties, \$2.50

Sunflower (*Helianthus*)

Very stately and decorative hardy annuals, with great masses of yellow flowers. Among shrubbery and for backgrounds and screens, nothing could be finer. Pkt.

Argophyllus (Texas Silver Queen). Has handsome silvery foliage and a profusion of small, elegant, single flowers. 4 ft. \$0.10

Cucumerifolius Stella. Handsome, large-flowered, primrose-yellow. 10

Double California. Dark yellow, 5 ft. 10

Dwarf. Beautiful, dahlia-like flowers; 3 in. across. 10

Globe-flowered. Ball-shaped, blooms late. 3 ft. 10

Primrose-colored. Graceful flowers of a lovely color; beautiful for cutting. 5 ft. 10

Suttons New Red. 10

Chrysanthemum-flowered. Rich golden yellow. 10

Single Russian. Enormous flowers, height 6 ft. 10

Cucumerifolius (Miniature Sunflower). Pyramidal growth. Orange flowers, single. Height 3 feet. 10

Sweet-william (*Dianthus barbatus*)

The splendid old-fashioned hardy perennial, producing large heads of beautifully colored, sweet-scented flowers in abundance; easily grown. 1½ feet.

	¼ oz.	Pkt.
Single, Pink Beauty. Rosy chamois.	\$0.75	\$0.10

Scarlet Beauty. Brilliant scarlet, very fine. .	1.00	.10
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Newport Pink. Salmon rose-pink.	.75	.10
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White.	.75	.10
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Single Mixed.	.50	.10
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Double Crimson.	.75	.10
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White.	.75	.10
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Mixed.	.50	.10
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Annual, Finest Mixed.	.50	.10
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†Thunbergia

Alata, Mixed. A very pretty rapidly growing, tender perennial climber that is usually grown as an annual. Prized for window boxes, vases, hanging baskets, trellises, etc. 6 ft. \$0.50 \$0.10

Torenia

Beautiful, tender annuals that, started early in the Spring in heat, will bloom continuously all Summer until frost; fine for vases, baskets and the garden. 10 inches. Pkt.

Fournieri. Sky-blue, with purple spots and yellow throat. \$0.10

alba. White. Pure white with yellow throat. 10

bailloni. Golden yellow, red throat. 15

†Trachelium

Caeruleum. H.H.P. An attractive, late-flowering perennial suited to culture as an annual; pale blue flowers; good in garden or greenhouse. 1 ft. \$0.10

Trollius (*Globeflower*)

Desirable hardy perennial with large, buttercup-like blossoms; free flowering through the early Summer. Flowers vary from pale yellow to deep gold, bordering on vermilion. 1½ to 2 feet. Pkt.

Mixed Hybrids. \$0.10

†Valeriana (*Valerian*)

Very handsome hardy perennials; bloom all Summer. Fine for borders, wild gardens and rockwork. 2 feet.

	¼ oz.	Pkt.
Alba. White.	\$0.25	\$0.10

Rubra. Red.	.25	.10
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Mixed.	.25	.10
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Verbena

The Verbena is a universal garden favorite, very few plants making a more gorgeous display of brilliant flowers from Spring until late in the Autumn. H.H.P. 1 foot.

MAMMOTH VARIETIES		$\frac{1}{4}$ oz.	Pkt.
Purple.....		\$0.50	\$0.10
Blue.....		.50	.10
Pink.....		.50	.10
Scarlet Defiance.....		.50	.10
White.....		.50	.10
Yellow (lutea).....		.50	.10
Mixed.....		.40	.10
Helen Willmott. Beautiful salmon pink, equally good indoors or outside.....		...	.25
Venosa (Hardy Garden Verbena). This variety is excellent for bedding purposes. Blooms throughout the Summer. Color beautiful purple.....		...	.15
Lemon-scented (Aloysia citriodora). Old garden favorite, lemon-scented foliage.....		.50	.15

Veronica

Hardy perennial herbaceous plants of pyramidal habit. $1\frac{1}{2}$ -2 feet. Pkt.

Longifolia. Long spikes of rich blue flowers.....	\$0.15
Spicata. Bright blue flowers.....	.20

†Vinca (Periwinkle)

Tender perennial. Handsome, bushy bedding plants that flower luxuriantly and most profusely all Summer from seed sown in February or March in heat. 1 to $1\frac{1}{2}$ feet. Pkt.

Rosea. Red.....	\$0.10
alba. White, with rose center; dainty flowers.....	.10
alba pura. Pure white, makes brilliant contrast with the dark green, shining foliage.....	.10
Choice Mixed.....	.10

Violet, Sweet-scented (*Viola odorata*)

Hardy perennial. Much prized for Spring blooming. All the varieties have great beauty, are very fragrant and quite hardy. 6 inches. Violet seed takes a long time to germinate. Pkt.

The Czar. Very large, dark blue.....	\$0.10
White.....	.10

†Viola (Tufted Pansies)

Pkt.

Cornuta. H.H.P. Splendid, free-blooming plants for partially shaded situations, with a little Winter protection will be permanent for years. 6 in.	
Suttons Pink Pearl (Novelty). Rich rosy pink....	\$0.60
Suttons White.....	.40
Suttons Yellow.....	.40
Suttons Mauve Queen. Mauve color.....	.40
Suttons Purple.....	.40
Yellow.....	.15
Purple Queen.....	.20
Blue Perfection. Pale blue.....	.20
White Perfection.....	.20
Mixed.....	.15

Virginian Stock (*Malcomia maritima*)

Hardy annuals of easy culture; bright blossoms; most effective for edgings. $\frac{1}{4}$ oz. Pkt.

Mixed.....	\$0.50	\$0.10
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Viscaria

Hardy annuals, flowering all Summer until frost; very effective for massing in beds and borders; easily grown. 1 foot. $\frac{1}{4}$ oz. Pkt.

Elegans picta. Rose and scarlet.....	\$0.15	
Mixed. Bright colors.....	\$0.35	.10

Wallflower (*Cheiranthus cheiri*)

Well-known, half-hardy perennials of delightful fragrance bearing in Spring and early Summer long spikes of bright flowers. Fine also for blooming in greenhouse. 2 feet.

SINGLE-FLOWERING VARIETIES Pkt.

Dark Blood-red	\$0.10
Feltham Early . Large, brown-red, fine.....	.10
Golden King . Very large, golden yellow flower.....	.10
Ruby Gem . Very rich ruby color.....	.10
Fine Mixed . Very showy mixture.....	.10

SUTTONS SINGLE VARIETIES

Ivory White . Pure white.....	.50
Apricot . Unusual apricot shades.....	.50
Purple Queen . Rich purple.....	.50
Primrose Monarch . Giant pale yellow.....	.50
Giant Ruby	.50
Superb Mixed	.50
Suttons Dwarf Mixed . Dwarf bushy plants. Height 6 to 8 in.....	.40
Suttons Early Flowering Mixed	.40

WALLFLOWER DOUBLE

Double Black Brown	.25
Double Canary Yellow	.25
Double Lilac	.25
Double Orange	.25
Double Rosy Purple	.25

DOUBLE-FLOWERING VARIETIES

Tall Branching, Mixed . 2 ft.....	.15
Annual, Mixed . This annual or extra-early flowering strain, if started early in heat, will bloom the same season. 1 to 1½ ft.....	.10

Zinnia (*Youth and Old Age*)

Dwarf Double. Compact and of neat habit.

	¼ oz.	Pkt.		¼ oz.	Pkt.
Bright Scarlet	\$0.40	\$0.10	Flesh-pink	\$0.40	\$0.10
Crimson	.40	.10	White "Snowball"	.40	.10
Salmon	.40	.10	Golden Yellow	.40	.10
Mixed				.25	.10

Dwarf haageana, Double Mixed. 1½ ft..... .15

Double, Tall Varieties:

	¼ oz.	Pkt.		¼ oz.	Pkt.
Crimson	\$0.60	\$0.15	Scarlet	\$0.60	\$0.15
Lavender	.60	.15	White	.60	.15
Purple	.60	.15	Yellow	.60	.15
Rose	.60	.15	Fine Mixed	.50	.15

Dahlia-flowered:

	Pkt.
Exquisite . Light rose, center deep rose.....	\$0.25
Illumination . Deep rose.....	.25
Golden State . Yellow, turning to orange.....	.25
Crimson Monarch . Good red.....	.25
Attraction . Brick red.....	.25
Polar Bear . Pure white.....	.25
Old Rose . Old rose shades.....	.25
Buff Queen . Canary-yellow.....	.25

Collection, 1 pkt. each, 8 varieties, \$1.75.

WILD GARDEN FLOWER SEEDS

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast.

Price, 50c. per oz.

Xeranthemum

This well known, hardy annual is one of the oldest and prettiest of the everlasting flowers, and in Winter bouquets retain their color and form for years. 1½' to 2 feet. Pkt.

Double Mixed.....\$0.10

Ornamental Grasses

The ornamental grasses are very attractive to use in mixed flower beds or borders, and for grouping by themselves give fine effects. Many of them, if cut before they are entirely ripe, will be found very useful, when dried, in the formation of Winter bouquets, in connection with the "Everlastings."

	Pkt.
*ARUNDO donax (Giant Reed). H.P. Well adapted for large clumps; stately and ornamental. 10 ft. . .	\$0.10
COIX lacrymae (Jobs-tears). H.A. Seed resembles a teardrop; fine for massing. 2 to 3 ft.	.10
†*ERIANTHUS ravennae (Plumegrass). H.P. Very stately, fine, silvery plumes, splendid in lawn groups. Resembles closely the Pampasgrass. 6 to 8 feet. . .	.10
*EULALIA . H.P. Among the most beautiful of the tall-growing grasses. 4 to 6 ft.	
*japonica . Long, dark green leaves; fine for groups.	.10
japonica zebrina (Zebra-grass). The dark green leaves are barred with creamy white; variegations run across foliage.	.10
*GYNERIUM (Pampasgrass). H.H.P. Noblest of the tall-growing, ornamental grasses. Bears magnificent plumes; needs protection in Winter. 4 to 6 ft.	
argenteum . Silvery white plumes.	.10
jubatum . Panicles silvery rose.	.10
HORDEUM jubatum (Squirrel Tail Grass). Annual. Used for bouquets. 2 ft.	.10
ISOLEPIS gracilis . Graceful dwarf grass for pots. . .	.10
LAGURUS ovatus . Hardy annual, with silvery gray tufts. 1 ft.	.10
PENNISETUM longistylum . An annual grass with gracefully, drooping heads. 2 ft.	.10
ruppellianum . The foliage is long and slender, gracefully recurved and glossy deep green in color. If sown in March in heat, the plants should bloom by the middle of July, and the silvery plumes, tinted with violet-purple, waving in the sunlight, are exquisitely beautiful; hardy perennial. 3 ft.	.10
STIPA elegantissima . Perennial.	.10
pennata (Feathergrass). With silvery white feathery plumes.	.10

Everlasting Flowers

The following list of everlastings are annuals, except where noted.

	Pkt.
ACROCLINIUM . Hardy annual. Good for cutting. Double White, Double Pink, Single Rose and Double Mixed. Each	\$0.10
GLOBE-AMARANTH (Gomphrena). Sometimes called "Bachelor Button." Popular bedding plants; flowers resemble clover heads and can be dried and used in Winter bouquets.	
Rose, White, Purple, and Mixed. . . . Each, oz. 75c.	.10
HELICHRYSUM (Strawflower). One of the best and most popular of the "Everlastings." Very effective double flowers, making a fine display in beds or borders. To produce excellent plants thin out to 2 ft.	
Rose Queen, Snowball, Salmon Queen, Golden Ball, Fireball, Violet Queen and Mixed. Each ¼ oz. 50c., oz. \$1.50	.15
RHODANTHE . Very beautiful, delicate looking "Everlastings," much prized for Winter bouquets.	
maculata, Single White, Rose and Mixed. . . . Each	.10
STATICE (Sea-lavender). Splendid hardy perennials, either for the border or rockery, producing all Summer panicles of minute flowers, which can be dried and used for winter bouquets.	
Mixed Varieties.	.10
XERANTHEMUM annum (Immortelle). Grows about 3 ft. high, and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early Summer until frost, bearing in abundance.	
Rose, Purple, White, and Mixed. Each	.10

ROSES

HYBRID TEA or EVERBLOOMING ROSES (Strong, field grown roots, 2 years old)

No garden is complete without a few Roses—the most beautiful of Nature's flowers—the queen of all. The varieties we present are all of proven merit, and in selecting any one or all of them for your home garden, your expectations will be fully realized if due care and attention is given them.

All the following varieties are Hybrid Tea Roses except where marked. H.P. signifies Hybrid Perpetual.

LIGHT PINK SHADES

Felicity (New). Light "mallow" pink, blending to pale cerise and cream. Very full blooms; free-flowering. \$1.50.

George Arends. H.P. Clear soft pink. Well-formed, pointed flowers; fragrant; good cutting Rose.

Killarney. Bright pink, large pointed, fragrant flowers; an old and dependable favorite.

Lady Ashtown. Deep, shining pink, vigorous and free-blooming. Good cut flower and exhibition Rose.

Lady Ursula. Delightful flesh pink, with yellow base, extremely hardy, vigorous and free blooming.

La Tosca. Pale blush pink and rose, deliciously fragrant; a healthy, free blooming garden Rose.

Mrs. Chas. Bell. Delicate shell-pink, with salmony center; a companion to "Radiance." A splendid grower.

Prince de Bulgarie. Silvery pink, blended with salmon and saffron. Long pointed blooms freely produced.

Radiance. Rosy-pink buds, developing into large, full blooms, when petals show a silvery reverse; most popular and reliable.

Rose Marie. Clear rose pink; healthy, vigorous, free bloomer; good for cutting.

DARK PINK SHADES

Columbia. Bright rose-pink, large, full fragrant blooms; a dependable all-season bloomer.

Geo. C. Waud. Deep rose, full, double fragrant flowers, freely produced.

Imperial Potentate (New). Rose-pink with silvery reverse; large, full, fragrant flowers. One of the best new pinks. \$1.25.

Jonkheer J. L. Mock. Carmine and silvery pink; produces an all-season supply of large, solid pointed flowers.

Killarney Queen. Brilliant pink; extra large, pointed, well-formed flowers of lasting beauty.

Lady Alice Stanley. Coral pink with light rose reverse. A strong-growing, free-blooming garden Rose.

Magna Charta. H.P. Bright pink; very large, double flowers; upright profuse bloomer.

Miss Cynthia Forde. Glistening pink; flowers of perfect shape, full and freely produced until late Fall.

Mme. Caroline Testout. Glistening satiny rose. Always popular for its color, vigor and long blooming season.

Mrs. Henry Morse (New). A blend of bright rose and vermillion. Large, double, handsome blooms, freely produced on a tall branching bush. \$1.25.

Mrs. John Laing. H.P. Clear pink; large, full blooms on sturdy stems; an old favorite.

Mrs. R. G. Sharman-Crawford. H.P. Rosy-pink; a very reliable bloomer over a long season.

Mrs. W. C. Egan (New). A splendid new Rose, soft and rich pink with golden base. Vigorous and free-flowering. \$1.25.

Premier. Pure rose-pink. Full, fragrant flowers, on long, almost thornless stems. A favorite.

Price of any of the above varieties, except where noted, \$1.00 each, \$11.00 per 12

HYBRID TEA or EVERBLOOMING ROSES—Continued
SALMON PINK SHADES

- Alfred W. Mellerish** (New). Salmon, shaded pink and amber. Vigorous, compact grower. Free bloomer.
- Betty**. Salmon and copper buds opening to buff pink flowers. An all-Summer bloomer, particularly good in Fall.
- Betty Uprichard** (New). A delightful blend of carmine and copper, with salmon reverse; exquisite flowers and fragrant. \$1.50.
- Mme. Butterfly**. Salmon, shading to apricot and gold. Freely produced on strong branching bushes.
- Mme. Leon Pain**. Large salmon and orange shaded blooms. A bedding Rose of unequalled beauty.
- Mrs. Wakefield Christie-Miller**. Soft blush and salmon; well formed blooms on long stems.
- Ophelia**. Pale pink with blends of cream and amber. A free-blooming Rose, excellent in the garden or for cutting.
- Willowmere**. Very attractive shades of gold and flame. Free-blooming and vigorous.

LIGHT YELLOW SHADES

- Duchess of Wellington**. Deep saffron yellow, stained crimson. A fine Rose both in garden and for cutting.
- Elli Hartmann**. Clear old gold with shades of pink and yellow. A dependable bloomer from July until frost.
- Harry Kirk** (Tea). Primrose-amber; elegantly formed buds and blooms of medium size. Vigorous and healthy.
- Mrs. C. Lamplough** (New). Soft yellow and cream. For size, shape and color and its free blooming qualities it has few equals. \$1.50.
- Souv. de Claudius Pernet**. A grand, really yellow garden Rose. Long-pointed blooms freely produced all season. \$1.50.
- Sunburst**. Yellow, suffused with orange. A very popular and good yellow garden Rose.

GOLDEN YELLOW SHADES

- Eldorado** (New). Large, full-shaped, rich yellow blooms with golden buds. Especially good in early Summer and Fall. \$1.25.
- Golden Ophelia**. Clear golden yellow. A fine yellow Rose either in the garden or for cutting.
- Gorgeous**. Rich orange buds, flowers flushed pink and shaded copper. Blooms freely all season.
- Lady Hillingdon** (Tea). Saffron, later shading to yellow. Flowers freely, particularly good in the Autumn.
- Mme. Ravary**. Orange buds, creamy-yellowish pink when open. A dependable, free-blooming bedding Rose.
- Mrs. Aaron Ward**. Golden buff and orange shading to pink. Its all-round good qualities maintain its years of popularity.
- Mrs. Calvin Coolidge** (New). Clear buff yellow, suffused with orange. Flowers are of fine shape; promises to be a good Rose among the yellows. \$1.50.
- Mrs. S. K. Rindge**. Chrome-yellow and salmon. Beautiful in bud stage.
- Rev. F. Page-Roberts** (New). Coppery-orange and gold, suffused crimson, opening to golden yellow. A delightful Rose of large size; splendid for cutting and exhibition. \$1.50.
- Senateur Mascuraud**. Clear yellow with golden base. Compact, dwarf growth with a good display of bloom. Splendid bedder.

Price of any of the above varieties, except where noted,
\$1.00 each, \$11.00 per 12

HYBRID TEA or EVERBLOOMING ROSES—Continued

RED SHADES

- Capt. F. Bald** (New). Large, incurved blooms of deep velvety crimson. Habit, upright, vigorous and very free-flowering. \$1.25.
- Chas. K. Douglas.** Flaming scarlet, flushed with crimson; of lasting qualities. A most desirable free-blooming Rose.
- Capt. Hayward.** H.P. Brilliant crimson scarlet, large blooms on sturdy stems.
- Chateau de Clos Vougeot.** Glowing scarlet, strained crimson and black. A novel color in an upright-growing, good Rose.
- Ecarlate.** Scarlet-rose; strong branching bushes, bearing an abundance of bloom. A great bedding Rose.
- Etoile de France.** Dark glistening red, fragrant, free-blooming and vigorous, very popular.
- Etoile de Hollande** (New). Large, thick-petaled, glistening deep red blooms. Highly recommended as a practically faultless Rose. \$1.50.
- Francis Scott Key.** Bright crimson red; large, full flowers on stout, erect stems.
- General Jacqueminot.** H.P. Huge crimson-scarlet blooms, of lasting color and pleasing fragrance.
- General MacArthur.** Bright crimson, shading to crimson-scarlet. Delightfully fragrant and free-blooming.
- Gruss an Teplitz.** Brilliant crimson; one of the most free-flowering and colorful of all garden Roses.
- Hadley.** Crimson-red. Large, full blooms on upright stems. Good Autumn Rose.
- H. V. Machin.** Rich crimson flowers on sturdy stems. A good early Summer and late Fall bloomer.
- J. B. Clark.** H.P. Light scarlet; flowers large, full and freely produced on tall, stiff stems.
- Laurent Carle.** Carmine-crimson. Beautifully formed buds and blooms of free-flowering habit.
- Paul Neyron.** H.P. Dark lilac-rose, of huge size. A tall vigorous grower and very fragrant.
- Red Radiance.** Deep rose red, large blooms, splendid stems. One of the best of all red Roses.
- Templar** (New). Large, full buds and blooms of a rich, scarlet-crimson shade. Very prolific. \$1.50.

WHITE SHADES

- Edel.** Purest white, large and free producer. Flowers and buds of elegant shape.
- Frau Karl Druschki.** H.P. Huge, pure white blooms on tall, stiff stems. A universally popular white Rose.
- Kaiserin A. Victoria.** Creamy buds and pure white matured blooms. A free-blooming, healthy "all season" Rose.
- Margaret Dickson.** H.P. White with rose center. Large flowers, erect and free-flowering.
- Mme. Jules Bouche.** Pure white with pinkish center. A vigorous and profuse bloomer till frost. Highly recommended.
- Mrs. H. Stevens** (Tea). Long pointed white buds and flowers. A good grower and bloomer. One of the most satisfactory whites.
- White Killarney.** Long, fairly full flowers; a good producer right through the season.

Price, any of the above varieties, except where noted,
. \$1.00 each, \$11.00 per 12

HYBRID TEA or EVERBLOOMING ROSES—Continued

APRICOT, COPPER AND MIXED SHADES

- Cheerful.** Pink, tinted with orange and yellow. Charmingly bright pointed buds and brilliant blooms.
- E. P. H. Kingma** (New). Apricot, orange and gold. Extremely bright, good bloomer; highly recommended. \$1.50.
- Independence Day** (New). Flame color buds with flowers light orange pink. Bushes invariably covered with its delightful buds and blooms. \$1.50.
- Irish Fireflame** (Single). Orange, shaded pink and gold. Grand in the bud stage. A favorite for buttonholes; a strong grower.
- Isobel** (Single). Carmine, orange and pink buds. Like the preceding the buds are charmingly brilliant.
- Lady Pirrie.** Copper, salmon and apricot, delicately blended into a most fascinating flower. A good bloomer throughout the season.
- Los Angeles.** Flaming salmon and apricot, very prolific; a good garden Rose.
- Louise C. Breslau.** Reddish-orange shading to light gold. The spreading bush usually covered with bloom.
- Miss Lolita Armour.** Flaming orange and gold buds, the flowers creamy copper. Very beautiful.
- Mme. Ed. Herriot.** Coral red and orange, brilliant both in bud and bloom. A free, prolific bloomer and an uncommonly handsome Rose.
- Mrs. A. Ricardo.** Golden yellow and blush pink. A strong free bloomer of lasting color.
- Mrs. A. R. Waddell.** Long-pointed buds of yellowish-copper and flowers of bronze pink and apricot. Flowers rather open, but borne in quantity.
- Padre** (New). Scarlet and copper with orange base. For its brightness and profuse blooming qualities, has few equals. \$1.25.

NEW VARIETIES IN COPPER, APRICOT, ETC.

- Shot Silk** (New). Cherry-cerise, overshot with salmon; flowers medium sized. Splendid novelty. \$2.00.
- Souv. de Georges Pernet** (New). A blend of red, copper and coppery-pink. Perfectly formed buds and blooms always present throughout the season. \$1.25.
- Souv. de H. A. Verschuren** (New). Cadmium-yellow and orange with bronze outside. \$1.25.
- The Queen Alexandra Rose** (New). Vermilion-red, the reverse side of petals tinged with old gold. A most exquisite new shade in Roses. \$1.25.
- Wm. F. Dreer.** Golden yellow, shaded peach and old rose, extremely vigorous and free. \$1.50.

BABY RAMBLER or POLYANTHA ROSES

- Baby Dorothy.** Pink.
- Baby Tausendschoen.** Delightful pink.
- Cecile Brunner.** This is the tiny little Rose you often see in the florists windows during Winter, and if you ask the name they will tell you Debutante, Sweetheart, or Mignon; tiny pink double flowers.
- Ellen Poulsen.** Dwarf, compact, bright rosy pink.
- Gruss an Aachen.** Rich orange buds, changing to flesh salmon.
- Jessie.** Bright cherry-red.
- Orleans.** Bright red with white center.
- Perle d'Or.** Nankeen-yellow.
- Yvonne Rabier.** Pure white.

Price of any of the above varieties, except where noted, \$1.00 each, \$11.00 per 12

HYBRID TEA or EVERBLOOMING ROSES—Continued

HARDY CLIMBING AND RAMBLER ROSES

- American Pillar.** Bears heavy trusses of pink flowers.
Aviateur Bleriot. Saffron-yellow, shading to golden yellow.
Climbing American Beauty. Produces rosy crimson flowers.
Dorothy Perkins. Bears beautiful clusters of pink blooms.
Dr. Huey. Deep crimson, shaded maroon, semi-double, vigorous grower.
Dr. W. Van Fleet. Pink, shading to rich shell pink.
Excelsa. The red Dorothy Perkins.
Lady Gay. Cerise-pink; very attractive.
Pauls Scarlet Climber. Vivid scarlet, shaded with crimson.
Silver Moon. Pure white, with golden anthers, a wonderful Rose.
Tausendschoen. Delightful shade of soft pink.
White Dorothy Perkins. Pure white.
Yellow Rambler. Deep golden yellow.

Greenhouse Roses

- Commonwealth.** A beautiful dark pink.
Mrs. Calvin Coolidge. The new golden yellow.
Premier. Rose-pink, free and easy grower.
Templar. A clear bright red; very fragrant.
Grafted stock only, 2½-in. pots, doz. \$7.00, 100 \$50.00;
3-in. pots, doz. \$9.00, 100 \$65.00
Columbia. Pleasing rose pink.
Crusader. Rich velvety crimson.
Double White Killarney. The best white.
Golden Ophelia. A bright yellow.
Hadley. Velvety crimson. Very fragrant.
Mme. Butterfly. Bright pink, apricot and gold.
Mrs. Aaron Ward. A rich yellow.
Ophelia. Clear salmon pink.
Pilgrim. A beautiful shade of rose-pink.
Silver Columbia. A white sport of Columbia.
Grafted stock only, 2½-in. pots, doz. \$6.00, 100 \$45.00;
3-in. pots, doz. \$8.00, 100 \$55.00

Greenhouses Roses ordered in advance will be shipped in due season for planting.

Miscellaneous Roses

- Cabbage Rose.** An old favorite. Large, full, rosy-pink, sweet-scented flowers. Hardy and rugged. \$1.00 each.
Persian Yellow. Double yellow flowers in great profusion in Spring. 75c. each.
Rosa Hugonis. Fine for shrub planting, as it reaches a height of 6 ft. when fully matured. The long, arching branches are thickly set with the lovely single yellow flowers in May, and it is one of the earliest Roses to bloom. Makes a most spectacular show. Never winterkills. \$1.50 each.
Rosa rugosa, Conrad F. Meyer. A clear, silvery-pink, with double flowers. 75c. each.
Rosa rugosa, F. J. Grootendorst. A continuous bloomer bearing red, double flowers in clusters. \$1.00 each.
Rosa Wichuraiana (Memorial Rose). Single. A handsome Rose for covering banks and rockeries. Fragrant, white flower clusters; half evergreen, glossy foliage. 75c. each.
Rugosa Nova Zembla. Large, double, sweet-scented, nearly white in color. 75c. each.
Sweet Briar, Julia Mannering. Soft pearly pink; makes a lovely display. \$1.00 each.
Sweet Briar, Lady Penzance. Flowers of lovely soft coppery tint. \$1.00 each.

Price of any of the above varieties, except where noted, \$1.00 each, \$11.00 per 12

HARDY CHRYSANTHEMUMS

When planted in sheltered locations, particularly at the base of walls, buildings, or shrubbery, the hardy Chrysanthemums are wonderfully satisfactory, producing an effective display long after the ordinary garden flowers are destroyed by frost. Even after light falls of snow, it is sometimes possible to cut uninjured clusters.

Chrysanthemums are divided into four groups: Large-flowering, Pompon, Button, and Single-flowering sorts.

The varieties described below have been selected from an immense list, and are undoubtedly the best, comprising a wide range of forms and colors. We advise planting them from April 15th to May 15th, and we also advise protecting them in the Winter with a litter of leaves and straw.

The dates given back of the varieties indicate the flowering period in our trial grounds, Fall, 1925. These, of course, may vary some at different seasons, but will be a guide.

All Hardy Chrysanthemums, each 20c., 10 \$1.80, 100 \$12.00

LARGE-FLOWERING CHRYSANTHEMUMS

- Boston.** Orange-bronze; open center; high; bushy. Oct. 25.
Bronze Source d'Or. Light bronze and orange; high; bushy. Nov. 5.
Brune Poitevine. Dark velvety red; medium bushy. Nov. 5.
Carrie. Yellow; medium high. Oct. 10.
Chaldon. Yellow, veined red; high; bushy. Oct. 10.
Champ d'Or. Yellow; dwarf. Oct. 10.
Champagne. Reddish-bronze; high; bushy. Oct. 25.
Cranfordia. Very large; golden yellow; high; bushy. Oct. 20.
Cranfords White. White with cream center; medium height. Oct. 20.
Dorothy. Very large; white with yellow shading; medium high; bushy. Oct. 20.
Early White. Creamy white, with yellow center; medium bushy. Sept. 25.
Eden. Pink; high; bushy. Oct. 10.
Goacher's Crimson. Red, reverse of petals yellowish bronze; medium bushy. Oct. 30.
L'Argentuillais. Red, yellow tipped. Oct. 15c.
Mr. Rux. Dark rose, with darker center; very high; bushy. Oct. 30.
Mrs. Henry F. Vincent. Orange, tinted bronze; high. Oct. 15.
Normandie. Cream-white, yellow center; medium bushy. Sept. 25.
Pauline Wilcox. Bronze; medium bushy. Oct. 30.
Queen of the Whites. Pure white; very full; high; bushy. Nov. 5.
Sidney Mitchell. Orange-yellow flowers.
Summer Gold. One of the best, semi-double; golden yellow Chrysanthemums. Flowers 2 in. across. Very free flowering from early Autumn until late frost.
Tints of Gold. Yellow, with bronze tints in center. Oct. 20.
Winnetka. Cream-white, yellowish center; medium high. Oct. 10.
Wolverine. Yellow; medium bushy. Sept. 25.

SINGLE-FLOWERING CHRYSANTHEMUMS

- Excelsior.** Bronze-yellow; high; bushy. Oct. 27.
Fernridge. Reddish-bronze; high. Oct. 12.
Alice Howell. Orange-yellow. A free and early-flowering variety that is very showy.
Good Red. Beautiful dark red, yellow center; medium bushy. Nov. 1.
Mrs. W. E. Buckingham. Salmon-pink; very beautiful; medium busy. Nov. 1.

POMPON CHRYSANTHEMUMS

- Acto.** Rose-pink; high. Oct. 15.
Anna L. Moran. Bronze with yellow; medium bushy. Oct. 15.
Captain Cook. Dark rose with brownish center; very high; bushy. Oct. 30.
Donald. Large; lavender-pink; medium bushy. Oct. 30.
Fairy Queen. Large; light pink, with full center; high. Oct. 25.
Frances Huckvale. Flesh with yellowish bronze center; high; bushy. Oct. 25.
Golden Climax. Bronze-gold; medium high. Oct. 25.
Harvest Moon. Pure golden; low; bushy. Oct. 15.
Julia. Dark brown-bronze. Nov. 1.
Juliana. Canary-yellow.
Lillian Doty. Pink, shading to flesh; high. Oct. 25.
Mrs. Chester Robinson. Pink shading to old rose; very high; bushy. Nov. 5.
Mrs. I. Emery. Golden bronze-yellow. Nov. 5.
Mrs. H. Harrison. Large, light lavender, whitish center; fine variety; high. Oct. 15.
Nellie. Golden yellow; very full; high; bushy. Oct. 25.
Petit Louis. Light pink, bronze center, high. Oct. 25.
Rosea. Large pink flower; fine clusters; high. Oct. 15.
White Doty. Pure white, cream center; high. Oct. 20.

BUTTON CHRYSANTHEMUMS

- Brown Bessie.** Reddish-bronze, medium bushy. Oct. 25.
Doris. Dark bronze; medium bushy. Oct. 20.
Helios. Reddish bronze; medium bushy. Oct. 25.
Liber. Red with yellowish shade. Oct. 30.
Mirabeau. Large; dark rose; high; bushy. Oct. 30.
Minta. Flesh, with brownish center; high. Oct. 5.
Mitzi. Yellow with red center. Very pretty dwarf variety. Oct. 20.
Skibo. Yellow with reddish center; medium bushy. Oct. 20.
Susquehanna. Fine yellow; medium. Oct. 30.
Waco. Pure white, yellow center; high. Oct. 20.

OTHER CHRYSANTHEMUMS

- Arcticum** (Arctic Daisy). Forms an attractive clump of dark green foliage, and in September multitudes of white flowers, slightly tinged rose or lilac, 2 in. wide, appear. 1 to 1½ ft. Sept.-Nov.
Maximum, King Edward. Large; vigorous; white flowers. 2 ft. Flowers all Summer. Each 25c., 10 \$2.00, 100 \$15.00.
Maximum, Shasta Daisy. Large white flowers. All Summer. Each 25c., 10 \$2.00, 100 \$15.00.
Maximum Robinsoni. Large white flowers; petals narrow, tassel-like. Each 35c., 10 \$3.00.

DAHLIAS

EXHIBITION COLLECTION

The varieties submitted below are the cream of the latest prize-winning Dahlias. Tubers will be ready for delivery April 1st. Started plants from May 1st to June 15th.

ABBREVIATIONS USED: Dec., Decorative; H.D., Hybrid Decorative; C., Cactus; H.C., Hybrid Cactus; H.S., Hybrid Show; P.Fl., Peony-flowered.

	Tubers	Plants
Alex Waldie (H.C.) Cream and pink.....	\$1.00	\$0.75
Ambassador (C.) Yellow and salmon.....	2.00	1.00
Amun-Ra (Dec.) Coppery-bronze.....	2.00	1.00
Bonny Brae (Dec) Pink and cream.....	1.00	.75
Belvedere (H.C.) Dark crimson.....	4.00	2.00
Champagne (Dec.) Chamois.....	2.00	1.00

EXHIBITION DAHLIAS—Continued

	Tubers	Plants
Chas. Stratton (Dec.) Pale gold, shaded and tipped rose.....	\$4.00	\$2.00
Cigarette (H.C.) Creamy white, edged with orange.....	2.00	1.00
Cinderella. Pale salmon with tan center....	1.00	.75
Daddy Butler. Rosy carmine.....	1.50	.75
Dakota (Dec.) Flame.....	1.00	.75
Earl Williams (Dec.) Crimson and white...	2.00	1.00
Eastern Star. Saffron-yellow, shaded with old gold.....	5.00	2.50
Edna Ferber (H.C.) Beautiful salmon-orange with lighter rosy-pink reverse. (Award of Merit, N. J. D. S.).....	10.00	5.00
El Dorado (Dec.) Pure gold.....	5.00	2.50
Elite Glory (Dec.) Mammoth real new red..	10.00	5.00
Eliza Cark Bull (Dec.) Best pure white.....	4.00	2.00
El Granada (H.C.) Orange and gold.....	3.00	1.50
Emma Marie. Pink and white.....	3.00	1.50
Faith Garibaldi (Dec.) Very large, silvery pink.....	3.00	2.00
Francis Lobdell (H.C.) Pink and white....	2.00	1.00
Gladys Sherwood (H.C.) White.....	1.00	.75
Golden West (H.C.) Deep yellow and orange.	1.00	.50
Gordon Blanding (Dec.) Rose-pink.....	4.00	2.00
Islam Patrol (H.C.) Velvety scarlet, tipped with gold.....	3.00	1.50
Insulinde (H.D.) Amber and gold.....	2.00	1.00
Jerseys Beauty (Dec.) Pink.....	2.00	1.00
Jerseys Radiant (H.C.) Bittersweet orange.	3.00	1.50
Jerseys Beacon (Dec.) Chinese scarlet, pale reverse.....	5.00	2.50
Jerseys Sovereign (Dec.) Salmon-orange....	5.00	2.50
Jerseys Monarch (Dec.) Deep salmon.....	4.00	2.00
Jerseys Emperor (Dec.) Dark maroon.....	3.00	1.50
Jerseys Jewel (Dec.) Mallow-pink.....	2.50	1.25
Jerseys King (Dec.) Begonia-rose.....	1.00	.75
Jerseys Caprice (Dec.) Autumn shades....	10.00	5.00
Jerseys Delight (H.C.) Old rose-pink.....	10.00	5.00
Jerseys Gem (Dec.) Lavender pink.....	2.50	1.25
Jerseys Ideal (Dec.) Dark lavender-pink....	10.00	5.00
Jerseys Mammoth (H.C.) Golden mahogany	5.00	2.00
Jerseys Sweetheart.	5.00	2.50
Judge Marean (Dec.) Pink, orange, and red shades.....	2.00	1.00
Kalif (Cac.) Scarlet	1.00	....
King Solomon (H.C.) Beautiful orange-buff..	5.00	2.50
Kitty Dunlap (Dec.) American Beauty Rose.	1.00	.75
La Favorita (H.C.) Salmony-orange.....	1.50	....
La Grosse Bete (Dec.) Cerise.....	1.00	.75
Lady Betty (Dec.) White and pink.....	1.00	.75
Mabel Thatcher (Dec.) Pure yellow.....	1.50	....
Margaret Masson (Dec.) Silvery rose-pink...	4.00	2.00
Margaret Woodrow Wilson. Opalescent-pink.....	7.50	4.00
Mariposa (H.C.) Pink and violet.....	2.00	1.00
Mephistopheles (H.D.) Dark scarlet.....	1.00	.75
Mordella (Dec.) Apricot-buff.....	3.50	1.75
Mr. Crowley (Dec.) Salmon-pink, rose yellow.	1.00	.75
Mrs. Eleanor Martin (Dec.) Large mulberry shade.....	3.50	1.75
Mrs. Eleanor Vanderveer (Dec.) Large rose-pink; best on coast.....	5.00	2.50

EXHIBITION DAHLIAS—Continued

	Tubers	Plants
Mrs. Ethel L. Linsay (Dec.) Scarlet and gold.....	\$1.00	\$0.75
Mrs. George Elkins, Jr. (Dec.) Autumn shades.....	2.00	1.00
Mrs. I. de Ver Warner (Dec.) Orchid color.....	1.00	.75
Nichu (H.C.) Deep incurved flower, clear yellow.....	5.00	2.50
Osam Shudow	2.00	1.00
Our Country. Purple tipped with white.....	10.00	5.00
Papillion (H.C.) Old rose, shaded with golden lights.....	2.00	1.00
Pop Stewart (Dec.) Rosy-pink, shading to lilac-pink.....	4.00	2.00
Robert Treat (American Beauty color).....	2.50	1.25
Rollo Boy	2.50	1.00
Roman Eagle. Bronze.....	4.00	2.00
Rose Glow (Dec.) Deep rose, with silver tips.....	5.00	2.50
Sagamore (Dec.) Amber-gold, shading to center, with salmon-rose.....	3.50	1.75
Sanhicans Magnate. Pale orchid, claret reverse.....	6.00	3.00
Sanhicans Monarch. Cert. Merit 1924.....	5.00	2.50
Sanhicans Rose. Pure rose color.....	2.00	1.00
Shudow Lavender (Dec.) Lavender and white.....	2.00	1.00
Siskiyou (H.C.) Pink tinted mauve.....	2.00	1.00
Sunny South (H.C.) Pure yellow, deep....	3.00	1.50
Snow Queen (Dec.) Best. Pure white.. ..	2.00	1.00
St. Francis (Dec.) Cream and pink.....	1.00	....
Tehachepi (H.C.) Canary-yellow, with Gladys Sherwood form.....	3.00	1.50
The U. S. A. (P.Fl.) Orange.....	2.00	1.00
Uncle Sam (P.Fl.) Orange-buff and bitter-sweet yellow.....	2.50	....
Violetta (H.C.) Petunia-violet.....	2.00	1.00
White Sister (Dec.) Beautiful white.....	2.00	1.00
Wizard of Oz. Deep amber.....	2.00	1.00
Worlds Best White (Dec.) Pure white....	3.50	1.75
Zante (H.C.) Gold suffused apricot pink....	5.00	2.50

Collection of 12 varieties, our selection, \$10.00

CHOICE COLLECTION OF SINGLE DAHLIAS

Consisting of twelve varieties or more

Tubers, 60c. each, \$6.50 per 12

SPECIAL

Choice Selection of Pompon Dahlias, doz. \$5.00.

Plants of any variety one-half the price of tubers, delivery to be made after the 15th of May.

If you do not see the variety you desire on this list, write us; we grow all worth while Dahlias.

SUMMER-FLOWERING ROOTS and BULBS

Achimenes

Profuse blooming, tender perennials for greenhouse or conservatory decoration during Summer.

Galathea, Imp. Deep blue.

Magnifica. Deep blue, light center.

Dainty Queen. White, with lavender eye.

Swansona. Light blue, mottled dark.

Bulbs of any of the above varieties, doz. \$3.00, 100 \$20.00.

Agapanthus

Umbellatus (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Pot-grown plants. 6 in., each \$1.00 doz. \$10.00.

Amaryllis

They should be grown in rich, sandy loam, with good drainage and require abundant moisture when growing, but at their season of rest water should be given sparingly.

Hippeastrum, Veitch's New Hybrids. The finest race of Amaryllis in cultivation. Each \$1.25, doz. \$12.00.

Formosissima (Jacobeian Lily). Brilliant scarlet. Each 35c., doz. \$3.50.

Anemone Coronaria

Beautiful Spring flowers on strong stems, 2½ inches in diameter. For outside planting they require protection in Winter. Fine for forcing.

Single Mixed. Extra strong roots. Doz. \$1.00, 100 \$6.00

Begonias (*Tuberous-rooted*)

	Each	Doz.	100
Single: White, Yellow, Scarlet, Rose	\$0.35	\$3.50	\$25.00
Finest Mixed	.30	3.00	23.00
Double: White, Yellow, Scarlet, Rose	.40	4.00	30.00
Finest Mixed	.35	3.50	25.00

Caladium (*Elephants-ear*)

The most effective foliage plant. For planting around base of porches and in beds it cannot be excelled

	Each	Doz.
Large Bulbs	\$0.25	\$2.50
Extra Large Bulbs	.65	6.50
Fancy-leaved, Large Bulbs Best named varieties.....	.50	5.00

Callas

Elliottiana. Large, beautiful yellow, dark foliage. Prettily spotted. Each 50c., doz. \$5.00, 100 \$40.00.

Cannas

DORMANT ROOTS

Particularly handsome and useful for mass bedding or spacing out with other plants in borders. We consider the following among the best varieties and all give complete satisfaction.

	Doz.	100
Alphonse Bouvier. 5 ft. Deep crimson; green foliage.....	\$1.75	\$12.00
Black Prince. 5 ft. Scarlet, overlaid maroon; green leaves.....	1.75	12.00
Buttercup. 4½ ft. Bright buttercup-yellow; green leaves.....	1.75	12.00
City of Portland. 3 ft. Beautiful pink; green leaves.....	3.00	20.00
Express. 4 ft. This is the best dwarf red Canna; green leaves.....	1.75	12.00
Fire Bird. 5 ft. The best red-flowered, green-leaved Canna.....	2.00	16.00
Gaiety. 4½ ft. Reddish-orange, mottled carmine, edged with yellow.....	1.75	12.00

CANNAS—Continued

Gladioflora. 6½ ft. Crimson, changing to carmine-rose.....	Doz. 100	\$1.75	\$12.00
Goldbird. 5 ft. Soft buttercup-yellow.....	1.75	12.00	
Hungaria. 4 ft. Very large; pink. One of the best of recent introductions.....	1.75	12.00	
King Humbert. 4 ft. Brilliant orange-scarlet; bronze foliage.....	1.75	12.00	
Lafayette. 5 ft. Intense scarlet.....	2.00	16.00	
Meteor. 5 ft. Deep crimson.....	1.75	12.00	
Mrs. Alfred F. Conard. 5 ft. Salmon-pink flowers; rich green foliage.....	2.00	16.00	
Orange Bedder. 4 ft. Bright orange slightly suffused scarlet.....	1.75	12.00	
Panama. 3 ft. Rich orange-red edged bright golden yellow.....	1.75	12.00	
Rosea gigantea. 4 ft. Rich rose-pink flower, of giant size.....	2.00	16.00	
Wintzer's Colossal. 5 ft. Strikingly vivid scarlet.....	2.00	16.00	
Yellow King Humbert. 4 ft. Produces large, beautiful yellow flowers, lightly spotted red; green foliage.....	1.75	12.00	

Cinnamon Vine

Chinese Yam. Splendid hardy climber of rapid growth, with bright green foliage, heart-shaped leaves and white, cinnamon-scented flowers. Each 25c., doz. \$2.50.

Dielytra

Spectabilis (Bleedingheart). A pretty, Spring-blooming, hardy plant. Each 75c., doz. \$8.00.

Gloxinias

Gloxinias are the handsomest Summer blooming greenhouse plants. The flowers are gorgeous, and the foliage has a velvety appearance.

Choice Mixed Colors. 40c. each, \$4.00 per doz.

Hyacinthus

Candicans (Cape-hyacinth). A snow-white, Summer-flowering Hyacinth, growing 3 to 5 ft. in height; bell-shaped flowers. Each 15c., doz. \$1.50, 100 \$10.00.

Lily-of-the-valley Pips (Cold Storage)

(Will bloom in 21 days after planting)

We make a specialty of Lily-of-the-valley; the grade we handle is the very best that can be procured and we are constantly receiving testimonials as to its superior quality. Place your orders now, for present and future deliveries.

Selected Pips..... Case of 250, \$15.00; case of 500, \$28.00

Exhibition Grade.... Case of 250, \$17.00; case of 500, \$32.00

Lily-of-the-valley-Clumps

	Doz.	100
Large clumps for outside planting	\$5.00	\$40.00

Madeira-vine

Extra Large Tubers. Each 20c., doz. \$2.00.

Montbretias

Hardy Summer-flowering bulbous plants which should be planted in the early Spring and will flower in September. Bulbs may be left in borders during the Winter, if well covered, and will flower earlier than Spring-planted stock.

	Doz.	100
Croesus. Very large apricot yellow, 24 in. high; late-flowering.....	\$2.50	\$16.00
George Davidson. A free-flowering yellow....	1.50	10.00
King Edmund. Giant rich golden with brown markings in throat. Tall, sturdy grower....	1.50	10.00
Macrophylla. Orange externally, inside purple; a beautiful variety.....	1.50	10.00
Meteor. Orange with red tips on backs of flowers. Early flowering.....	1.25	8.00
Rheingold. Golden yellow with brown throat. Strong grower and free-flowering.....	2.25	15.00
Selected Mixture	1.50	8.00

Ranunculus

Double flowers on strong, straight stems 8 to 12 inches long. The colors range in a large, diversified assortment. Excellent for forcing. Doz. 100

Double French Mixed. Strong roots. \$1.00 \$6.00
St. Brigid. Double, all colors. 1.00 6.00

Tritoma (*Red-hot-poker Plant*)

One of the most attractive of plants. For the perennial border. Each 35c., doz. \$3.35, 100 \$25.00.

Rufa (New). Small, dainty variety, light orange, changing to pure yellow, very early. Each 50c., \$4.50 for 10, \$40.00 per 100.

Tuberoses

The flowers are very fragrant. Do not plant in the garden until June. Each Doz. 100

Excelsior Double Pearl. Pure white, double-flowering Tuberose.
 First-size Bulbs. \$0.10 \$1.00 \$6.00
 Jumbo Bulbs. 15 1.50 10.00

Albino. A single white variety blooming in July or August. Not as well known as the Double Pearl, and the odor is not as pronounced. 15 1.50 10.00

Zephyranthes**ZEPHYR FLOWER OR FAIRY LILIES**

A hardy, dwarf, bulbous plant, flowering in great profusion in the Summer.

Rosea. Beautiful clear rose, very large flowers. Doz. \$2.00
 100 \$15.00.

GLADIOLUS**SPECIAL AND NEWER VARIETIES**

Doz. 100

Catherina. A combination of lavender and lilac colors, with violet throat. With the present demand for light blue Gladiolus, Catherina is sure to become popular. \$1.75 \$12.00

Duchess of York. The best blue Gladiolus, the flowers are large, of the finest form and well placed on the spike. 2.50 15.00

Flaming Sword. The outstanding new European red. Flowers in single row formation with six and more open together. The color is a beautiful soft red. 2.50 18.00

Mona Lisa. Palest rose-pink or blushed white. 2.00 12.00

Isis. This is the new red Baron Hulot. Has five and six flowers open together. Stands up well and makes a good showing. Color dark red. 5.50 40.00

Captain Boynton. Lavender, with deeper blotch on lower petals. 7.00 55.00

Lena Graetz. Pure white, with very slight throat markings. It has all the qualities demanded of a first-class Gladiolus, being a free-bloomer, sturdy and healthy grower, and producing well formed spikes. 1.25 8.00

Mrs. Leon Douglas (Diener). Begonia-rose enlivened by flame-scarlet lines, lower petals lemon yellow with specks of ruby-red. 8.00 60.00

Rose Precose. Solid shell pink and a very pleasing color. A tall, sturdy grower like "Schwabben". 3.00 20.00

La Couronne. A very striking flower of beautiful creamy-white, edged creamy-yellow, lower petals blotched dark maroon. 3.00 20.00

Phantasy (Primulinus). A new and very attractive color, distinct from all other Primulinus. The color is a clear salmon-yellow, edged pink, with crimson-veined throat; extremely early. 6.00 45.00

GLADIOLUS—Continued

Joerg's White. Unquestionably the largest-flowered white Gladiolus ever introduced; it is so far ahead of all others in size, form and purity of color that it introduces a new class of giant-flowered white Gladiolus. It's a "winner," whether in the garden, or on exhibition table.....Each \$2.50, \$28.00

Gladiolus are very easily grown. Any good soil suits them. Plant the corms (as soon as all danger from frost is past) about 3 inches deep and 7 or 8 inches apart.

	Doz.	100
America. Soft lavender-pink, popular cutting variety.....	\$0.60	\$5.00
American Beauty (Diener). Color same as the Rose. Throat creamy yellow striped ruby-red.	4.50	35.00
Anna Eberius. Dark purple, throat deeper shade.....	2.00	15.00
Blue Jay. Fine lavender, with white blotch....	2.75	20.00
Baron Hulot. Dark violet-blue, one of the best of this shade.....	1.50	10.00
Byron L. Smith. Lavender-pink, on white ground; very fine.....	2.50	15.00
Charlemagne. Very large open flowers on massive spike. Color sunrise red, flaked darker, marked with large, creamy white blotches....	3.50	25.00
Charmer. Large, broad-petaled flowers of soft mauve-pink, with a large blotch of carmine-lake on the central lower petal.....	1.50	10.00
Chicago White. A fine white variety, with lavender markings.....	.85	6.00
Conspicuous. Light blue, with darker throat markings, and a fine penciling of yellow.....	1.75	12.00
Crimson Glow. Rich crimson, large open flower and good spike.....	1.50	10.00
Dawn. Beautiful coral-pink, a long, graceful spike of magnificently formed flowers.....	2.25	16.00
E. J. Shaylor. Beautiful large deep rose-pink. Tall, strong plant.....	1.25	10.00
Empress of India. Deep crimson-maroon. One of the darkest of all; a rare and beautiful color.	1.50	10.00
Evelyn Kirtland. Rich rosy-pink, tipped red, a grand variety.....	1.50	10.00
Fascinator. Splendid large flowers of salmon-pink tinted with flames of carmine; throat bluish, with carmine-lake pencilings.....	1.50	10.00
Flora. Beautiful canary-yellow, large, wide-open flowers.....	1.25	9.00
Glory. Delicate cream-pink flowers, with a neat crimson stripe, each flower is exquisitely ruffled and fluted.....	1.50	10.00
Golden Measure. Large, dark golden yellow; considered the best yellow.....	3.00	20.00
Halley. Beautiful early-blooming variety, with large, well-opened flowers of a delicate salmon-pink.....	.60	4.00
Herada. Pure mauve on tall spike, very distinct.	1.25	8.00
Jack London. Salmon with rose reflex; lower petal with small wine-red feather.....	2.00	12.00
Le Marechal Foch. Immense flowers of soft light pink, a most desirable early flowering variety.....	1.00	7.00
Lily Lehman. Lily-shaped white flowers; very early.....	1.50	10.00
Loveliness. Cream, tinted sulfrano-pink.....	1.50	10.00
Louise. Exquisite shade of bright lavender....	1.50	10.00
Lustrous. Large flowers of lovely orange-rose; lower petals have a large throat blotch of yellow.....	1.25	8.00
Magic. Fine lavender-blue. Large rich purple throat blotches.....	3.50	25.00
Majestic. Orange-pink. Fine, large flowers. Brilliant distinct variety.....	1.75	12.00
Marshal Foch (Kunderd). Warm salmon-pink, with small red blotch in throat.....	3.50	25.00
Mary Fennel. Beautiful light lavender, penciled primrose yellow.....	2.00	12.00

GLADIOLUS—Continued

Mary Pickford. An extraordinary flower and spike, of most delicate creamy white, throat soft sulphur-yellow.....	Doz.	100	\$2.00	\$15.00
Miss Helen Franklin. Pure white, pale blue lines on lower petals; heavily ruffled.....			1.25	8.00
Mrs. H. E. Bothin. Salmon-pink on white, heavy blotched fiery scarlet, ruffled.....			2.00	12.00
Mrs. Francis King. Brilliant flamingo pink, blazed with vermilion-red; a popular variety..			.75	5.00
Mrs. Dr. Norton. Beautiful lavender-pink with sulphur-yellow blotch in throat.....			1.50	8.00
Mrs. Frank Pendleton. Bright rose-pink, with velvety, dark purple blotch. A grand variety.			1.00	7.00
Mrs. Watt. Glowing American Beauty shade; a very attractive flower.....			1.00	7.00
Myrtle. Delicate rose-pink, with throat prim-rose and white.....			1.75	12.00
Niagara. Creamy yellow, throat shaded deeper.			1.00	7.00
Nora. Beautiful lavender blue, with darker spot on lower petals.....			1.50	10.00
Odin (Improved Halley). Deep salmon-rose with distinct orange overtone, broad, red spear on lower segments.....			1.25	8.00
Ophaline. Rosy crimson flowers 4 in. across, flaked silvery violet-pink; throat shaded and dotted crimson and gold.....			3.50	25.00
Orange Glory. Bright orange with paler throat, an exquisite color; very rich and striking.....			1.50	10.00
Panama. Very large, deep pink, one of the best.			1.00	7.00
Peace. Large white flowers, with pale violet feathering on interior petals.....			.85	6.00
Pink Wonder. Pale pink with rose feathering; large and showy.....			2.00	15.00
Pink Perfection. Delicate apple-blossom pink, large flowers, on a graceful spike.....			1.50	10.00
Pride of Goshen. Giant salmon or flesh-pink, large flowers, elegantly waved.....			1.50	10.00
Prince of Wales. An early, large-flowered variety of a delightful salmon shade.....			1.50	8.00
Princeps. Rich crimson scarlet, with white throat and markings. Large Amaryllis-like flower.....			1.50	10.00
Purple Glory. Deep velvety maroon-red, with almost black blotches.....			4.00	25.00
Red Canna. Brighter and taller than Mrs. Francis King.....			1.50	10.00
Rose Ash. Corinthian red combined with ashes, unique color.....			2.00	12.00
Rouge Torch. Creamy white, with torch-like tongue on lower petals.....			1.25	8.00
Schwaben. Clear yellow with crimson throat. A vigorous spike with large, compact mass of flowers.....			1.00	7.00
Scarsdale. Lavender-pink, shading to old rose, wide open flowers, good spike.....			1.25	8.00
Sulphur King. Rich sulphur yellow.....			1.75	12.00
Twotint. Delicate flesh pink, shaded white and tinted yellow inside, with large, salmon-tinted scarlet blotches.....			1.75	12.00
Viola. Very large flower of exquisite mauve-blue, gradually shading deeper to rich violet at the edges; throat toned soft canary, with purple garnet blotch, zoned yellow in lower petals....			2.50	16.00
War. Deep blood-red, tall strong spike.....			1.50	10.00
White City. One of the largest pure whites....			1.50	10.00
White Glory. Pure white.....			2.00	15.00
Wilbrinck. Pale rosy-pink, very early.....			1.25	8.00
Willy Wigman. Blush white, with long carmine blotch on lower petals.....			1.25	8.00
Yellow Hammer. Pure yellow, with small red mark in throat.....			1.25	8.00
Livingstone's Large-flowered Special Mix- ture. From named varieties.....			.75	5.00

GLADIOLUS—Continued

PRIMULINUS HYBRIDS

Primulinus Hybrids are distinguished mainly for their fine and various shades of yellow, orange, and saffron tones. The flowers are borne on graceful stems and when cut are of splendid decorative value.

	Doz.	100
Alice Tiplady. A beautiful orange-saffron, large, open flowers, on graceful stems; one of the best.....	\$1.25	\$8.00
Angola. Salmon-pink on long stem.....	1.50	10.00
Butterboy. Clear buttercup-yellow.....	2.75	20.00
Dorothy Wheeler. Richest rose-pink, with lighter throat.....	1.50	10.00
Gold Drop. Pure deep yellow, with red line on petals.....	2.00	15.00
Jewel. Salmon-pink, with golden yellow throat.....	2.00	12.00
Maidens Blush. Enchantress pink flowers on stiff, slender stems, extremely early, and a fine forcing variety.....	1.25	8.00
Ming Toy. Showy deep buff, yellow throat, very large flower of finest form.....	2.75	20.00
Myra. Deep salmon, over yellow ground, yellow throat, pink lines, tall, slender stems; very showy.....	1.25	8.00
Orange Brilliant. Brilliant orange, very early.....	1.00	7.00
Orange Queen (New). Striking orange-yellow, tinted apricot.....	2.50	18.00
Roanoke. Fine rich yellow, with crimson lines in throat.....	1.25	8.00
Rosandra. Old rose, a rich glowing color, large flowers on graceful spikes.....	1.75	12.00
Rose Luisante. Shell-pink with cream throat, tall grower, and large, full, open flower.....	2.00	15.00
Salmon Beauty. Deep orange-salmon, with a rich salmon-yellow throat, a very large and showy flower.....	1.50	10.00
Scarletta. Pleasing soft red. This variety is highly regarded in Europe, where it has been given several high awards.....	2.00	15.00
Souvenir. Pure canary-yellow, large stalks and well placed flowers. The finest pure yellow "Primulinus".....	1.50	10.00
Sunbeam. Pure yellow, long spike of well-formed flowers.....	1.50	10.00
Primulinus, Selected Hybrids. A very select mixture comprising all of the choicest varieties. Highly recommended for forcing.....	.75	6.00

LILIES

When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the Autumn give the bulbs a heavy mulching of leaves or coarse manure, which will prove highly beneficial. Plant all Lilies at least 6 inches deep, as early as possible in the Spring.

	Each	Doz.	100
Auratum (Gold-banded Lily). White, spotted crimson.			
Extra large bulbs, 9 to 11 in.....	\$0.55	\$5.50	\$40.00
Mammoth bulbs, 11 to 13 in.....	.70	7.00	50.00
Giant bulbs, 13 to 15 in.....	1.20	12.00	90.00
Auratum platyphyllum. White, richly spotted yellow.....	.75	7.50	55.00
Regale (Myriophyllum). The most beautiful Lily, with 2½- to 4-ft. stems, bearing three to nine large, trumpet-shaped white flowers, flushed with yellow, shaded outside with deep brownish pink. Very hardy.....	1.00	10.00	75.00
Speciosum album. Pure white.			
Extra large bulbs, 8 to 9 in.....	.55	5.50	40.00
Mammoth bulbs, 9 to 10 in.....	.65	6.50	50.00
Speciosum melpomene. White, shaded rose and spotted red.			
Extra large bulbs, 9 to 11 in.....	.45	4.50	35.00
Mammoth bulbs, 11 to 13 in.....	.60	6.00	45.00
Monster bulbs, 13 to 15 in.....	1.00	11.00	80.00

LILIES—Continued

Superbum. Flowers bright orange-red, Each Doz. 100 spotted with purple.....	\$0.25	\$2.50	\$18.00
Testaceum (Excelsum or Nankeen Lily).....	2.50	25.00	....
Tigrinum flore plena	.35	3.50	25.00
Tigrinum splendens	.30	3.00	20.00
Washingtonianum. Reflexed wine-color.....	.75	8.00	60.00
Batemanniae. Reddish-orange.....	.40	4.00	30.00
Canadense. Yellow, spotted black.....	.20	2.00	14.00
Canadense flavum. Yellow.....	.30	3.00	20.00
Canadense rubrum. A fine red.....	.30	3.00	20.00
Concolor. Erect deep scarlet.....	.60	6.00	45.00
Coridion. Yellow, with black spots.....	.60	6.00	45.00
Croceum (The Orange Lily).....	.50	5.00	36.00
Elegans, Mixed. Fine mixed.....	.20	2.00	15.00
Hansoni. Flowers reddish-orange.....	.80	8.00	60.00
Henryi (The Yellow Speciosum).....	.75	8.50	60.00
Krameri. A beautiful pink Lily.....	.70	7.00	50.00
Liechtlini. Pale yellow with red spots... ..	.75	7.50	60.00
Martagon (The Turks-cap Lily).....	.50	5.00	40.00
Maximowiczi. The red Leichtlini.....	.75	7.50	60.00
Myriophyllum. Flowers white, suffused pink.....	1.00	10.00	80.00
Pardalinum (Leopard-lily).....	.35	3.00	20.00
Philadelphicum. Cup-shaped, orange spotted.....	.20	1.50	10.00
Pyrenaicum (Yellow Turks-cap).....	.60	6.00	45.00
Rubellum. Rose-colored flowers.....	.75	7.50	55.00

LILIUM REGALE (Myriophyllum)

Considered the finest of all Lilies, absolutely hardy and excellent for forcing. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center and extending part way up the trumpet. Very fragrant, blooms outside early in July.

Each \$1.00, doz. \$10.00, 100 \$75.00

PHLOX

Their bright colored flowers, profusion of bloom, and ease of culture, make the Phlox a great favorite. Blooms June to October.

35c. each, \$3.00 per 10, except where noted

Bridesmaid. A white, with large crimson center; a very well-known variety.

B. Comte. Brilliant French purple with crimson-carmine shadings. 2½ ft. 35c. each, \$3.25 per 10.

Elizabeth Campbell. Light salmon changing to pink; a new and splendid color. Large trusses. 40c. each, \$3.50 per 10.

Eugene Danzanvilliers. Lilac, shading to white at edges. 2½ ft.

Fraulein Von Lassburg. Pure white truss, flowering between Buchner and Jenkins; very free.

Mrs. Milly von Hoboken (New). Pure soft pink without eye, large flower on long, erect stems. A very fine novelty. 50c. each, \$4.50 per 10.

Miss Lingard. This is known as the early-flowering Phlox, since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height about 2 ft. Color, pure white.

Mrs. Jenkins. The most popular white variety so far introduced; splendid for planting en masse; blooms early and profusely.

Pantheon. Rosy-salmon, pure white center, very large truss.

Rheinlander. Beautiful salmon-pink with claret-red eye. Individual trusses of immense size.

Rijnstroom. An improved form of the popular variety Pantheon; fine for massing; of a Paul Neyron rose color. 2½ ft.

Widar. Lovely violet shade with white center.

Thor. A splendid new variety of a lovely shade of deep salmon-pink suffused and overlaid with scarlet glow.

Wanadis. Lilac with violet-red eye.

PHLOX—Continued

DWARF AND ALPINE PHLOX

These are remarkable for their dense, prostrate habit and mass of bloom in Spring and early Summer.

Subulata (Moss Pink). Dwarf trailing plants with evergreen, moss-like foliage covered in April-May with a multitude of flowers.

Subulata alba. Pure white.

Subulata atropurpurea. Purplish-rose.

Subulata lilacina. Light blue.

Subulata rosea. Bright rose.

Subulata, G. F. Wilson. Soft lavender. 35c. each, \$3.25 per 10.

Subulata, Nelsoni. Small white flowers.

Subulata, The Bride. White with red center.

Subulata, Vivid. Bright fiery rose. 50c. each, \$4.50 per 10.

Suffruticosa, Miss Lingard. Flowers earlier than Decussata varieties. Pure white, lilac eye.

Suffruticosa, Perfection. White with pink center. 50c. each, \$4.50 per 10.

PEONIES

Size of Roots.—The roots we offer have been grown two years from root divisions. If planted during April or May these roots should become well established and give some flowers the following year. Each Doz.

Comte de Diesbach. Medium size, rich dark red, splendid grower, free bloomer, early. . . . \$0.50 \$5.00

Couronne d'Or (Calot 1872). Large, flat, semi-rose type; pure white, with a ring of yellow stamens around a tuft of center petals, tipped with carmine. Medium tall; splendid grower; free bloomer. Late. One of the best white varieties. 75 7.50

Duchesse de Nemours (Calot, 1856). Medium size; pure white crown, sulphur-white collar, no crimson flecks; fragrant. Vigorous grower; medium height; very free bloomer. Early. Extra good commercial variety. Two days later than Festiva Maxima. 75 7.50

Duke of Wellington (Calot, 1859). Large; bomb type, with white guards and sulphur center. Medium tall; vigorous grower; free bloomer. Late. 75 7.50

Edulis Superba (Lemoine, 1824). Large, loose, flat crown; bright mauve-pink collar mixed with narrow lilac. Early. Strong, upright; free bloomer. One of the best commercial pinks for Decoration Day. 50 5.00

Felix Crousse (Crousse, 1881). Large, globular, typical bomb; brilliant red. Strong, vigorous grower; medium height; free bloomer. One of the best reds. 75 7.50

Festiva Maxima (Mieliez, 1851). Very large; globular, rose type; pure white center, prominently flecked crimson, outer petals sometimes faint lilac-white on first opening. Very tall, strong, vigorous grower. Early. The most popular white variety for cut flowers. 60 6.00

Floral Treasure. Large, globular shape; medium tall grower; rich, soft pink. 50 5.00

Francois Ortegot (Parmentier, 1850). Dark amaranth-red. Loose; medium height. Mid-season. 50 5.00

La Sublime (Parmentier, 1850). Bright rich crimson; fragrant. Tall; very fine. 50 5.00

La Tulipe (Calot, 1872). Very large, flat, semi-rose type; lilac-white, outer guard petals striped crimson; fragrant. Tall, strong grower; free bloomer. Late midseason. A good Peony on account of growth and general habit. 75 7.50

Lady Bramwell. Midseason; medium grower; silvery pink. 50 5.00

Louis Vanhoutte (Calot, 1867). Medium size; semi-rose type; deep carmine-rose, tipped silver, with fiery reflex—very brilliant coloring; fragrant. Medium height and habit. Late. 50 5.00

PEONIES—Continued

Mme. Crousse (Calot, 1866). Medium size; Each Doz. globular crown; pure white, center flecked crimson. Strong; medium height; free bloomer.		
Midseason.....	\$0.75	\$7.50
Mons. Jules Elie (Crousse, 1888). Very large; medium compact high crown; pale lilac-rose, collar lighter, shaded amber yellow at the base. Medium height; strong growth. Early extra..	1.00	10.00
Prince Imperial (Calot, 1859). Very large, loose semi-rose type; amaranth-red; tall, very strong grower; medium bloomer. Late mid- season.....	.50	5.00
Queen Victoria (Whitleyi). Large, full, com- pact blooms with collar of flesh-white, fading to white, center petals flaked with red. Very strong grower; medium height; very free bloomer. The standard market variety for storage.....	.50	5.00
Richardson's Dorchester (1870). Large, com- pact, rose type; pale Hydrangea-pink. Fra- grant. Medium dwarf; upright; free bloomer.	1.00	10.00
Richardson's Grandiflora (1883). Very large, flat rose type. Uniform rose-white. Tall, erect, strong grower. Very late. Perhaps the most valuable late variety of its color.....	1.00	10.00
Rosa Superba . Brilliant deep cerise-pink blooms; compact and perfectly formed. Healthy growth. Long stems. Midseason..	.60	6.00

IRIS

GERMAN IRIS

\$2.00 per doz., \$15.00 per 100

"S" represents standards (upper petals), "F" falls (lower petals).

Astarte. S, rosy lilac; F, claret-red. 2 ft.

Albino. S, pale lavender; F, tipped with royal purple. 18 in.

Black Prince. S, and F, deep violet-purple.

Canary Bird. S, bright yellow; F, deeper yellow, with
orange beard. 9 in.

Dr. Bernice. Coppery-bronze; F, velvety-crimson. 2 ft.

Fairy Queen. S, lavender; F, tipped and reticulated violet.
22 in.

Florence Wells. New. S, soft mauve; F, deeper mauve. A
large and free bloomer. 2½ ft.

Florentina Alba. Producing large, fragrant white flowers.
2 ft.

Garrick. S, light blue; F, a darker violet-blue.

Gracchus. S, clear yellow; F, marked red, reticulated white.
1½ ft.

Honorabilis. S, rich golden yellow; F, very fine velvety rose-
purple.

Kathleen. A beautiful variety; S, and F, of a soft self rose-
lilac. 2½ ft.

Lohengrin. New. Enormous flowers of a rosy-lavender
shade. 2½ ft.

Loreley. F, are deep ultra-marine blue, veined cream,
margined light yellow.

Macrantha. S, light blue; F, dark violet with large yellow
crest; one of the largest. 2½ ft.

Madam Chereau. White, feathered edges of sky-blue; free-
flowering. 32 in.

Maori King (Bearded Flag). Flowers large golden yellow;
F, velvety-maroon margined gold. 1½ ft.

Mrs. Neubronner. Flowers large, rich golden yellow, quite a
new shade among the German Iris.

Pallida (Speciosa). S, lavender; F, lavender with rosy tinge,
deliciously scented. 30 in.

Dalmatica. S, lavender; F, lavender tinged purple; flowers
very fine and large. 40 in.

Princess Victoria Louise. Primrose-yellow and reddish-
purple. Edged primrose.

Queen of May. A lovely soft rose-lilac, almost pink. 32 in.

Rhein Nixe. F, mauve, edged and reticulated white; beau-
tiful. 3½ ft.

IRIS—Continued

JAPANESE IRIS

Rich in colors. Flowers through the months of June and August. They prefer a moist soil. 2 to 3 ft.

Strong roots. \$3.50 per doz., \$25.00 per 100

Mixed Varieties. . . . \$3.00 per doz., \$20.00 per 100

Dagmar Georgeson. Three large petals; rich velvety royal purple or purple-maroon with canary yellow at base.

Double White (Gold Bound). Six large, open, milk-white petals; deep yellow at base.

Oriole. Plum shading to deep plum toward center, with bright yellow at center. Double.

Peacock. Nine large, overlapping petals; violet purple, veined with white.

Pyramid. Nine large petals, indigo blue, veined with white.

Sherwood. Three large overlapping petals; pearly white, deeply edged with bright rose.

Stella. Three violet petals, veined white.

Thompson Lovett. Six large petals; intense rich purple plum with oriole at base.

DWARF BEARDED IRISES

These lovely dwarf Irises are very valuable for planting in groups in front of later varieties in the border or for use as edging. The hybrids are crosses between the *Pumila* and other dwarf varieties and the *Iris germanica*. The *Pumila* section are the earliest to bloom and are splendid subjects for the rockery.

Prices, 30c. each, \$2.75 per 10, unless otherwise noted.

Bridesmaid. S, white, slightly splashed pale blue; F, yellow, veined blue.

Cyanea. S, rich bright blue; F, dark satiny-blue. 8 in.

Eburna. White shaded cream. 12 in.

Excelsa. Deep yellow with orange beard. 18 in.

Florida. Lemon yellow with dark yellow shadings.

Formosa. S, violet-blue; F, violet-purple with white beard. 18 in. 35c. each.

Schneekuppe. S, pure white; F, white slightly reticulated yellow at the base. 8 in. 50c. each.

Pumila atrovioacea. Deep purple. 6 in.

Pumila caerulea. A lovely shade of sky-blue. 4-6 in.

Pumila compacta. S, violet-blue; F, dark blue. 35c. each.

Pumila, The Bride. Pure white. 9-12 in. May.

HARDY PERENNIAL PLANTS

We offer the following list of extra strong plants. Varieties marked with an asterisk (*) are potted plants. All others are extra strong, field-grown roots. Spring and Fall delivery.

ACHILLEA ptarmica, Boule de Neige (Ball of Snow). 10

An improvement on The Pearl, with fuller and more perfect flowers. 1½ ft. June-Sept. \$2.00

ptarmica, The Pearl. Double pure white. 2 ft. June-Sept. 3.00

ACONITUM californicum (Monkshood). Deep blue flowers; 4-5 ft. Autumn. 3.00

fischeri. Dark blue. 3.00

Sparks Variety. Dark blue. 3.00

***ALYSSUM rostratum** (Beaked Madwort). A good rock plant, with heads of yellow flowers. 1 ft. June-Aug. 2.50

***saxatile compactum** (Rock Madwort, Goldentuft). Large, compact masses of yellow flowers in early Spring; excellent for rockery. Very attractive and showy. 1 ft. April, May. 2.00

ANCHUSA italica, Dropmore (Alkanet). A great improvement on the type, with large, gentian-blue flowers. If not allowed to go to seed, will bloom continuously from June to Sept. 4-5 ft. 3.00

Opal (New). Pale blue flowers. 4 to 5 ft. May-July. 3.50

myosotidiflora (New). Bright blue flowers. 4.50

- *ANEMONE japonica alba.** Pure white, showing yellow anthers. \$3.00
- *japonica, Queen Charlotte.** A strong grower, producing large, semi-double pink flowers. 3.00
- ANTHEMIS tinctoria kelwayi** (Golden Marguerite). Flowers rich yellow; fine for cutting. A very popular sort and largely planted. 2 ft. June-Oct. 3.00
- AQUILEGIA, Barr's Large Hybrids.** Hardy. Excellent strain of large and long-spurred flowers, containing an exquisite variety of colors, ranging from pure white and blush to scarlet, and from pale and dark blues to primrose and rich yellows. 3.50
- caerulea** (Rocky Mountain Columbine). Large, blue and white, long-spurred flowers. 1½ ft. 3.00
- chrysantha** (Golden-spurred Columbine). Numerous very showy, fragrant, yellow flowers. 2 to 3 in. across. A fine variety. 3.00
- Scott Elliotts Strain, Long-spurred Hybrids.** We have a magnificent strain of these choice Columbines in many new and beautiful shades. Assorted colors only. 3.50
- *ARABIS alpina** (Rockcress). Adapted for rock gardens and borders; pure white flowers. 5 in. April, May. 2.50
- ARTEMISIA lactiflora.** An excellent hardy border plant, producing large, branching panicles of sweetly-scented, creamy-white flowers. 3-4 ft. Aug., Sept. 2.25
- ASCLEPIAS tuberosa** (Butterflyweed). A remarkably showy plant with several erect umbels of bright orange flowers. 2 ft. July, Aug. 2.25
- *ASPERULA odorata** (Sweet Woodruff, Waldmeister). A sweet-scented herb, when dried, used in flavoring wine; flowers white. 6-8 in. May, June. 2.50
- ASTER delicata.** Double lilac flowers. Aug.-Oct. 3.00
- Blue Gem.** Semi-double, dark blue flowers. 4 ft. Aug.-Oct. 3.00
- Climax.** Large, soft mauve flowers, golden center. 5-6 ft. Sept.-Oct. 3.00
- Climax White.** Pure white, 5 to 6 ft. Sept.-Oct. 3.00
- Cloudy Blue.** Fine pale blue, semi-double flowers. 4 ft. Aug.-Oct. 3.00
- Lil. Fardel.** Rich clear pink. 4 to 5 ft. Aug.-Sept. 2.75
- Perrys White.** Pure white. 5 ft. Sept.-Oct. 3.00
- Perrys Pink.** Reddish-pink. 5 ft. Sept.-Oct. 3.00
- Tataricus.** Large violet. 6 ft. Oct. 2.75
- Wells White.** Large white flowers. 4 ft. Sept. 3.00
- ASTILBE arendsi.**
- Grano.** Salmon-pink. 3 to 4 ft. July. 2.50
- Juno.** Rosy-purple. 3 to 4 ft. July. 2.50
- Salmon Queen.** Soft salmon-pink. 4 ft. July. 2.50
- *AUBRIETIA deltoidea** (False Wallcress). Fine for rockeries; dark violet. 6 in. All Aubrietias flower in April and May. 2.75
- BELLIS perennis** (English Daisy). An old-fashioned plant, but always interesting; white and pink flowers. 5 in. May, June. 2.00
- BOCCONIA cordata** (Plumepoppy) Flowers creamy white. 6 to 8 ft. July-Aug. 2.25
- BOLTONIA asteroides.** Pure white, aster-like flowers, in great profusion. 4-5 ft. Aug.-Sept. 2.50
- latisquama.** Lavender pink. 4 to 5 ft. Aug.-Sept. 2.50
- latisquama nana.** Dwarf variety of above. 3 ft. Aug.-Sept. 2.50
- *CAMPANULA carpatica** (Harebell). Flowers large, erect, light blue. 5-7 in. July-Aug. 2.25
- carpatica alba.** White. 5-7 in. July-Aug. 2.25
- *glomerata.** Forms a dense tuft of dark green foliage, covered with globular, dark blue flowers. 1½ ft. June, July. 2.75
- medium** (Canterbury-bells). An old favorite. Blue, rose, or white. 2 ft. June. 2.25
- medium calycanthema** (Cup-and-saucer Canterbury-bell). In blue, lilac, rose and white. 2.25

CAMPANULA—Continued

10

- persicifolia** (Peach-leaved Bellflower). Large, cup-shaped, blue flowers. 2 ft. June, July.....\$2.50
- persicifolia alba grandiflora**. A white variety of the above..... 2.50
- pyramidalis** (Steeple Bellflower). Long spikes, covered with blue flowers. 4-5 ft. Aug., Sept..... 2.50
- pyramidalis alba**. A white form of the above.... 2.50

CARYOPTERIS incana (Mastacanthus) (Blue Spiraea). Dwarf, compact shrub with grayish foliage covered during Aug.-Sept. With lavender flowers. 2.50

- CENTAUREA macrocephala**. Very showy, with large, thistle-like yellow flowers. 3 ft. July, Aug..... 2.50
- montana** (Perennial Cornflower). Large flowers, resembling the Cornflowers. 2 ft. June-Sept..... 2.50
- montana alba**. A fine white form of the above.... 2.50

***CERASTIUM tomentosum** (Snow-in-Summer). Bright silvery foliage, with white flowers; suitable for the rockery or planting in dry, sunny places. 6 in. May, June..... 2.25

CIMICIFUGA racemosa (Snakeroot). Large, handsome, glossy leaves, with graceful, branching spikes of pure white flowers. Prefers shady positions. 4 to 5 ft. July-Aug..... 2.25

COREOPSIS lanceolata. Begins to flower early in June and continues one mass of golden yellow until killed back by the frost. The flowers are borne on long, graceful stems, making them invaluable for cutting. 2 ft. June-Oct..... 2.25

DELPHINIUM, "WREXHAM STRAIN" MIXED HYBRIDS

Finest Strain Ever Offered

	Each	10	100
Young plants.....	\$0.75	\$6.50	\$60.00
Strong, field-grown.....	1.00	9.00	75.00

10

***DELPHINIUM Improved belladonna**. A fine, light blue form of the above.....Each 50c. \$4.50

***Hybrids**. A choice collection, ranging from the palest to the deepest blues; single and double..... 3.00

DIANTHUS (Hardy Pinks). **deltoides**. Dwarf variety with reddish-pink flowers. 8 in. June..... 2.25

deltoides alba. White. 8 in. June..... 2.25

plumarius semperflorens (Scotch Pinks). Flowers pink, white, etc. Fringed petals. 9 to 12 in. June 2.25

Hybrid plumarius. Flowering period, May to June. 12 to 15 in.

Abbotsford. Deep rose..... 2.25

Grenadin. Bright scarlet..... 2.25

Her Majesty. Very large, pure white, fragrant... 2.25

allwoodi (New Hardy Perpetual Pinks). Delightfully clove-scented.

Alfred. Pure white.....Each 35c. 3.25

Jean. White with violet crimson center. Each 35c. 3.25

Peggy. Pinkish-maroon..... Each 35c. 3.25

Robert. Old rose-pink with maroon center..... Each 35c. 3.25

DIANTHUS barbatus (Sweet-william), **Newport Pink**.

A distinct variety in this favorite flower, being a salmon-rose-pink..... 2.25

barbatus, Scarlet Beauty. Rich deep scarlet flowers with bright green foliage..... 2.25

barbatus, Double. Assorted colors. 2 ft..... 2.25

DICTAMNUS (Gasplant) **caucasicus**. Tall variety, purple flowers. 3 to 4 ft. June to July..... 4.50

fraxinella. Rosy-purple. 2 to 3 ft. June to July.. 4.50

fraxinella alba. Pure white. 2 to 3 ft. June to July. 4.50

DIGITALIS purpurea gloxiniaeflora. Gloxinia-flowered Foxglove. Flowers spotted. Rose, purple, white, each color separate, or assorted. 2-3 ft. June, July..... 2.25

- *DORONICUM caucasicum** (Leopardbane). Has 10 large, yellow, Marguerite-like flowers, 2½ to 3 in. across. May, June.....\$3.50
magnificum. Large yellow..... 3.50
plantagineum excelsum. Bright yellow..... 3.50
- ECHINACEA purpurea** (Purple Coneflower). Reddish-purple flowers, 4 in. in diameter. 3 to 4 ft. July, Aug..... 2.25
- ECHINOPS** (Globe Thistle). A showy plant, with globular heads of blue flowers.
ritro. Metallic blue flowers; thistle-like foliage. 3 to 4 ft. July, Aug..... 2.25
- EREMURUS himalaicus**. Creamy white flowers borne in immense graceful spikes. 6 to 8 ft. May, June. Strong plants..... Each \$6.00
robustus. A very fine, strong growing variety, with rosy pink flowers. 6 to 10 ft. May, June. Strong plants..... Each \$6.00
- ERYNGIUM alpinum** (Seaholly). Flowers 3 in. across, of a steel blue. 2 ft. July, Aug..... 4.50
amethystinum. Beautiful thistle-like heads of glistening amethyst-blue. 2 to 3 ft. July-Sept..... 3.50
planum. Numerous small, blue heads of flowers on branching stems. 3 ft. July, Aug..... 3.50
coelestinum. Small blue flowers. July-Sept..... 3.50
- EUPATORIUM coelestinum** (Mistflower). A good hardy plant, with light blue flowers, similar to Ageratum. 2 ft. Aug.-Oct..... 2.25
purpureum (Joe-pye-weed). Purple; fine for wild garden. 6 to 7 ft. July-Sept..... 2.25
urticaefolium (ageratoides) (White Snakeroot). White flowers; good for cutting. 4-5 ft. Aug.-Sept. 2.25
- FUNKIA**. Very handsome and will thrive in almost any position. 1½ to 2 ft. July, Aug.
caerulea. Purple flowers; large, green foliage..... 2.25
lancifolia albo-marginata. Leaves edged white... 2.25
—undulata variegata. Ovate leaves, the margins deep green and center a beautiful creamy white.... 2.25
plantaginea grandiflora (*F. subcordata grandiflora*). Large, pure white flowers and bold foliage make this a very attractive variety. Each 50c. 4.50
- GAILLARDIA grandiflora** (Blanketflower). Orange and red. 1½ ft. May-Nov..... 2.50
portola (New). Great improvement over the older sorts. Flowers brilliant scarlet, margined with golden yellow. 2½ to 3 ft.....Each 50c. 4.50
- GALEGA officinalis** (Goatsrue). Rosy-purple flowers. 3-4 ft..... 2.50
officinalis alba. White flowers, fine for cutting. 3-4 ft. July..... 2.50
- GENTIANA acaulis**. Dark blue. 4 in. April to May. Each \$1.00
andrewsi (Closed Gentian). Large blue flowers, good for moist locations..... 3.50
thibetica. Creeping plant, with creamy white flowers. May.....Each 50c. 4.50
- GEUM, Mrs. Bradshaw**. Double brilliant scarlet flowers. June-Sept. 1½ ft..... 3.50
Lady Stratheden. New variety, large, old gold. Double flowers. 2 ft. May-June.....Each 50c.
coccineum. Brilliant scarlet flowers. 1½ ft. June-Aug..... 2.50
- GYPSOPHILA paniculata** (Babysbreath). Masses of minute, pure white flowers. For cutting it is exquisite, especially in combination with high-colored flowers. 2-3 ft. June, July..... 2.25
paniculata fl. pl.....Each 50c. 4.50
- *HELENIUM autumnale, Riverton Beauty**. Rich lemon-yellow flowers, with large, purplish black cone. 5 ft. Aug., Sept..... 2.50
***autumnale, Riverton Gem**. Yellow, changing to red. A splendid cut flower on a long stem. 5 ft. Aug., Sept..... 2.50
hoopesi. Early flowering bright orange. 2 ft. June to Aug..... 2.50

- HELIANTHUS** (Perennial Sunflower) **maximiliani**. 10
Clear yellow flowers. 6 to 8 ft. Oct.-Nov. \$2.25
- mollis**. Lemon-yellow flowers, downy white foliage.
4 ft. Aug.-Sept. 2.25
- multiflorus fl. pl.** Bush-like habit, masses of double
globular flowers. Excellent for cutting. 2.25
- orgyalis**. Graceful stalks, clothed with very long,
strap-shaped leaves, the flowers appear on stalks
growing from the base of each leaf. 8-10 ft. Sept. . . 2.25
- rigidus**, **Wolly Dod**. Deep yellow, semi-double.
6 to 7 ft. Sept. 2.25
- HELIOPSIS pitcheriana**. The flowers are deep golden
yellow about 2 in. in diameter. 3 to 4 ft. July-Sept. 2.25
- scabra zinniaeflora**. Semi-double yellow flowers.
2 to 3 ft. July-Oct. 3.25
- HELLEBORUS niger** (Christmas Rose). Large, nearly
white flowers appear in early Spring. Like semi-
shady position. 12 in. Each \$1.00 9.00
- HEMEROCALLIS flava** (Lemon Lily). Flowers
lemon-yellow, sweet-scented. 3 ft. 2.25
- fulva Kwanso**. Large, double flowers of a rich
bronze orange. 2 to 3 ft. June-Aug. 2.25
- thunbergi**. Flowers lemon-yellow, very fragrant.
3 ft. July, Aug. 2.25
- citrina**. Pure citron yellow. May-June. 2 to 3 ft. . 2.25
- aurantiaca major**. Large orange flowers. 2 ft.
June-July. 2.25
- HEPATICA acutiloba**. Fragrant variously tinted
flowers, appear as soon as the snow disappears.
6 in. April. 2.25
- triloba**. Leaves trilobed, flowers pink and purple;
fine for massing in shady corners or open woods.
6 in. April. 2.25
- HESPERIS matronalis** (Sweet Rocket). Pale pinkish
purple flowers; are fragrant at night. 2 to 3 ft.
June. 2.25
- matronalis albus**. White. 2 to 3 ft. June. 2.25
- HEUCHERA Pluie de Feu**. Bright, fiery-red flowers
on loose, elegant spikes. June-July. . . Each 50c. 4.50
- HIBISCUS** (Mallow Marvels) **moscheutos**. Flowers
light rose, with darker eye. 6 in. diam. 5 to 6 ft.
Aug.-Sept. 2.50
- Crimson Eye**. Pure white flowers with centers of deep
crimson. 5 to 6 ft. Aug.-Sept. 2.50
- New Giant Marshmallows**. Produce flowers 10 to
12 in. in diameter. Beautiful colors. 5 to 7 ft. July
to Oct. Each 35c. to 75c.
- HOLLYHOCKS, Single**. In separate colors, white,
pink, yellow, salmon, maroon, etc. Strong, field-
grown roots. 2.25
- HYPERICUM moserianum** (Goldflower). Beautiful
golden yellow flowers, with crimson stamens. 1½ ft.
June-Sept. 2.25
- INULA ensifolia** (Fleabane). Yellow; small flowers.
8 in. July-Sept. 2.25
- glandulosa**. Old-gold; pretty. 3 to 4 ft. July, Aug. 2.75
- LATHYRUS latifolius** (Everlasting Pea). Flowers
rose-colored, large, on many-flowered stems, similar
to the annual Sweet Pea. 3 ft. June-Aug.
- albus**. A variety of the preceding, with white
flowers. A very desirable plant. 3 ft. June-Aug. . 2.25
- White Pearl**. With pure white flowers, which are
double the size of the ordinary Lathyrus. 2 to 3 ft.
June-Aug. Each 35c. 3.00
- LAVANDULA vera** (Sweet-lavender). Fragrant blue
flowers. 1½ ft. July-Sept. 2.25
- LIATRIS pycnostachya** (Kansas Gayfeather). Flow-
ers purple, in dense spikes. 4 to 5 ft. July, Aug. 2.25
- spicata** (Button Snakeroot). Spikes 6 to 15 in. long;
purple. 2 to 3 ft. July-Sept. 2.25
- LINUM perenne** (Flax). A lovely plant, with blue
flowers. 1½ ft. May-Aug. 2.25
- album**. A white form of the above. 2.25

- *LOBELIA cardinalis** (Cardinalflower). Flowers intense scarlet, opening from below upward along the tall spike, thus bearing flowers for several weeks. 3 ft. July, Aug. \$2.25
syphilitica. Blue flowers. 3 ft. Aug. to Sept. 2.25
- LUPINUS polyphyllus** (Lupine). Deep blue, white and rose. Flowers on long stems. 4-5 ft. June, July. 2.50
polyphyllus moerheimi. The finest of all Lupines, with its spikes of pea-shaped flowers a foot long, on stems 3 feet long; color soft rose. June, July... 3.50
- LYCHNIS chalcidonica**. Flower bright scarlet, in dense clusters. 2 ft. June, July. 2.50
alba. Pure white. 2.50
viscaria splendens fl. pl. (German Catchfly). A fine variety, with double crimson flowers. 1 ft. 2.50
- LYTHRUM salicaria roseum, Perrys Variety**. A most beautiful shade of cherry-red. 2 to 3 ft. July-Sept. 2.25
 — **Rose Queen**. A remarkably free-blooming variety, with long, graceful spikes of rosy-pink flowers. 2 to 3 ft. July-Sept. Each 35c. 3.25
 — **roseum superbum** (Purple Loosestrife). Tall spikes of rosy purple. 3 to 4 ft. 2.25
- LYSIMACHIA clethroides** (Japanese Loosestrife). A fine hardy variety from Japan, with long spikes of pure white flowers. 2 ft. July-Sept. 2.50
nummularia (Creeping Jenny). Moneywort. 2.50
- MERTENSIA virginica** (Bluebell). Flowers blue, funnel-formed, in nodding clusters. Should not be disturbed when once planted. 1½ ft. May, June. 2.25
- MONARDA didyma**. Compact heads of bright red flowers. 3 ft. June-Aug. 2.25
didyma, Cambridge Scarlet. Next to the scarlet lobelia, the most brilliant of our wild flowers. 2.25
didyma violacea superba. Deep amaranth-red. 2.25
didyma salmonea. Salmon-pink. 3 ft. June to Aug. 2.25
- *NEPETA mussini**. Mauve-colored flowers; blooms constantly. 8 in. April-June. 2.25
- OENOTHERA fruticosa major** (Evening Primrose). Bright yellow flowers. 2 ft. June. 2.25
missouriensis. Large, yellow flowers. 10 in. June-Aug. 2.25
speciosa. Pure white, very attractive. 1½ ft. Aug.-Sept. 2.25
- *PAPAVER nudicaule** (Iceland Poppy). A beautiful class of hardy Poppies, bearing on long stems, cup-shaped flowers ranging in color from pure white to yellow and orange-scarlet. 1 ft. May-Aug. 2.25
nudicaule, Sunbeam. A very much improved strain of Iceland Poppies; many new shades. Each 35c.
orientalis (Oriental Poppy). Pink, salmon, white, scarlet, maroon. Separate colors. Each 40c. 3.50
- PENTSTEMON barbatus torreyi** (Beardtongue). Tall spikes of brilliant scarlet flowers. A most charming and effective border plant. 4 ft. June-Aug. 2.50
digitalis. White, tubular flowers with purple throat. 2 ft. July to Aug. 2.50
- PLATYCODON grandiflorum** (Balloonflower). A dense branching plant of upright habit; flowers 3 in. across, blue. 1 to 2 ft. June, July.
 — **album**. A white-flowered form of the above.
mariesi. Dwarf species with broad, thick foliage and deep blue flowers. 12 to 15 in. June-Sept. 2.50
 — **alba**. White form of above. 2.50

- PHLOX, PERENNIAL.** Phloxes are among the very showiest and most valuable of all hardy plants, and, by growing a complete collection, they can be had in bloom from early June until late Fall. 2 to 3 ft. June-Oct.
- Antoine Mercier.** Pure white, lilac center. Each 35c. \$3.00
- B. Comte.** Satiny amaranth. Each 35c. 3.25
- Bridesmaid.** White, with rose center. 3.00
- Elizabeth Campbell.** Very large spikes of salmon-pink. Each 40c. 3.50
- Europe.** White, with crimson eye. Very large. Each 35c. 3.25
- Fire Glow.** Brilliant orange-scarlet, with darker center; large trusses; strong habit. 4.50
- Frau Anton Buchner.** Pure white, with flowers of enormous size. Each 35c. 3.00
- Mme. M. Van Hoboken.** The finest pink and a most consistent bloomer. Each 50c. 4.50
- Mrs. Jenkins.** Pure white; very early. 3.00
- R. P. Struthers.** Rosy-carmine with red eye. 3.00
- *divaricata alba** (*P. canadensis alba*). White, 10 in. May. 3.50
- subulata** (Moss Pink). Low-spreading stems and narrow, moss-like leaves; flowers in wonderful profusion. 3-6 in. April, May. 3.00
- DWARF, or CREEPING PHLOX**
- subulata alba.** Flowers large; white. 3.00
- atropurpurea.** Purplish rose. 3.00
- lilacina.** Light blue. 3.00
- Vivid.** Bright fiery rose, with vivid eye. Each 50c. 4.50
- suffruticosa, Miss Lingard.** Flowers pure white, with pale pink center; flower truss is very large and long, often reaching 1½ ft. 3.00
- PHYSALIS francheti** (Chinese Lanternplant). Enormous orange-colored fruits; useful for Winter decorating. 2 ft. April, May. 2.50
- PHYSOSTEGIA virginiana** (False Dragonhead). Strong spikes of delicate pink flowers. 2 to 3 ft. June, July. 2.50
- alba.** Flowers pure white. 2 to 3 ft. June, July. . 2.50
- grandiflora** (New). Dwarf pink flowers. 15 to 18 in. Aug.-Sept. 2.50
- POLYGONATUM multiflorum** (Solomons-seal). Arching sprays of greenish white flowers; useful for cutting. 2 ft. May, June. 2.50
- sieboldi.** A strong-growing plant; stems curving gracefully outward. Produces creamy white flowers; effective for massing. 3 to 5 ft. Aug., Sept. . 2.50
- *PRIMULA acaulis (vulgaris)** (Common English Primrose). One of the earliest Spring flowers; bright, lemon-yellow and fragrant. 6-9 in. April, May. . 2.50
- PACHYSANDRA terminalis** (Japanese Spurge). A dwarf evergreen, with dark green, glossy leaves forming a dense carpet. Will grow under trees where nothing else will. Per 100, \$18.00 2.25
- POTENTILLA HYBRIDS** (Cinquefoil).
- Doctor Andre.** Semi-double, yellow, red; veined and margined. 2 ft. June, July. Each 50c. 4.50
- Don Quixote.** Soft yellow, splashed scarlet. Each 50c. 4.50
- Monsieur Rouillard.** Crimson edged yellow. Each 50c. 4.50
- Mont d'Or.** Yellow. Each 50c. 4.50
- MacNabiana.** Double; rich crimson. Each 50c. 4.50
- Planti.** Flowers single; red. Each 50c. 4.50
- PYRETHRUM roseum hybridum grandiflorum.** Double, separate varieties named. 9.00
- Single Named.** Each \$1.00, 6 for \$5.00 9.00
- RUDBECKIA laciniata, Golden Glow** (Coneflower). Masses of double, golden yellow flowers. 6 to 8 ft. Aug., Sept. 2.50
- maxima.** Has immense grayish-green leaves and bright yellow flowers on long stems. 4 to 6 in. across. 6 to 8 ft. June-Sept. 2.50
- purpurea.** Crimson-purple flowers. 2 to 3 ft. July-Oct. 2.50
- triloba.** Vigorous grower, golden yellow flowers. 3 to 5 ft. July-Oct. 2.50

- SALVIA azurea grandiflora.** Tall spikes of sky-blue flowers. 3 to 4 ft. Aug.-Sept. \$2.25
- argentea.** Silvery leaves. 12 in. long. Flowers white; very ornamental. 2.50
- pitcheri.** Large, deep blue flowers. 3 to 4 ft. Aug.-Sept. Each 35c. 3.25
- virgata nemorosa.** Bright purple flowers on erect stems. 2-3 ft. June-July. Each 35c. 3.25
- SANGUINARIA canadensis** (Bloodroot). A dwarf shade-loving plant with pure white flowers in early Spring. The leathery, glaucous leaves appear later. 6 in. April-May. 2.25
- SAPONARIA ocymoides.** Trailing plant covered in June with bright crimson flowers. 2.25
- offinialis fl. pl.** Pretty variety with double pink flowers. 2 ft. June-Aug. 2.25
- SAXIFRAGA** (Rockfoil) (**Megasea**). The varieties of this section are distinguished by the large, broad leaves and tall panicles of flowers. They flower early in Spring and are fine subjects for the rockery.
- cordifolia.** Large, dark green foliage, deep, rose-colored flowers. Each 50c. 4.50
- crassifolia.** Large, waxy leaves, drooping masses of pink flowers. Each 50c. 4.50
- Leichtlini.** Rose-colored flowers. 1-1½ ft. April-May. Each 50c. 4.50
- macnabiana.** The white flowers are heavily spotted pink and purple. 1 ft. May-June. Each 50c. 4.50
- michauxi.** Dwarf, alpine variety with white, star-like flowers. Each 50c. 4.50
- speciosa atropurpurea.** Flowers purplish-red. 1-1½ ft. April-May. Each 50c. 4.50
- virginiensis.** Low variety, 4-9 in. high, bearing white flowers in early Spring. Each 50c. 4.50
- SIDALCEA candida.** Large, pyramidal heads of pure white flowers, about an inch long. Prefers moist position. 2 to 3 ft. June. 2.50
- Rosy Gem.** Soft pink flowers. 1½ ft. July. 2.50
- Rose Queen.** Rose purple flowers. 2½ ft. July-Aug. 2.50
- SCABIOSA caucasica** (Pincushion Flower). Handsome, hardy plant, and one which should be grown by everyone; beautiful, soft lilac flowers; vigorous grower. 2 ft. June-Aug. 2.50
- caucasica alba.** Pure white. 2.50
- japonica.** A variety from Japan, with clear blue flowers, 1 to 1½ in. in diameter. 2-3 ft. June-Sept. 2.50
- SEDUM acre** (Golden Moss, Stonecrop). Flowers bright yellow. 2-3 in. May-July. 2.50
- album.** Foliage green; flowers white. 2-3 in. 2.50
- sieboldi.** Foliage changing from blue and cream to coral-rose; flowers rose-pink. 9 in. Aug.-Sept. 2.50
- spectabile** (Stonecrop). Large heads of pink flowers. A fine border plant and one of the best for foliage or flower effects. 1½ ft. Aug., Sept. 2.50
- SPIRAEA aruncus** (Meadowsweet). A vigorous growing plant with graceful foliage and long arching plumes of feathery-white flowers. 4-5 ft. June-July. Each 50c. 4.50
- filipendula** (Dropwort). Creamy white flowers and fern-like foliage. 1½ ft. June-July. Each 50c. 4.50
- filipendula fl. pl.** Fern-like foliage and branching trusses of double creamy-white flowers. 2 ft. June-July. Each 50c. 4.50
- palmata.** Graceful plumes of rosy-crimson flowers. 3-4 ft. June-July. Each 50c. 4.50
- palmata elegans.** Flowers soft pink, borne on strong spikes. 3-4 ft. high. Foliage large and heart-shaped. June-July. Each 50c. 4.50
- ulmaria fl. pl.** Large heads of creamy-white flowers. 2 ft. June-July. 4.50
- venusta.** Flowers red and fragrant. 4-5 ft. June-July. Each 50c. 4.50

STACHYS grandiflora superba (Woundwort). Rosy-purple flowers. 1-2 ft. June-July.....\$2.50
rosea. Rose-pink..... 2.50
lanata. White, wooly foliage, small purple flowers. 12 in. July..... 2.25

***STATICE latifolia** (Sea-lavender). Fine panicles, covered with a profusion of small blue flowers. 2 ft. Aug.-Sept..... 2.25

STOKESIA cyanea. Lavender-blue. 2 ft. July to Oct..... 2.25
cyanea alba. Pure white. 2 ft. July to Oct..... 2.25

THALICTRUM aquilegifolium. A graceful border plant with heads of feathery cream colored flowers. 2 to 3 ft. May-June..... 3.00
diptercarpum. One of the handsomest Thalictrums, with graceful flowers on stems 4 ft. high; rosy purple, with citron-yellow anthers. Aug., Sept.. Each 50c. 4.50

TRADESCANTIA virginica (Spiderwort). Long, grass-like leaves and blue or violet flowers. 2 ft. May-Aug..... 2.50

TROLLIUS (Gloeflower) **europaeus, Orange Globe**. Profuse bloomer, with large, globular flowers, rich orange color. 2 ft. June to Aug..... Each 50c. 4.50
europaeus Golden Sun. Golden yellow. Each 50c. 4.50
asiaticus, Canary Bird. Pale yellow. 1½ ft. May-June..... Each 50c. 4.50

TRITOMA pfitzeri (Torchlily). Handsome, red-like foliage, orange-scarlet flowers. 2 to 3 ft. Sept., Oct. Each 35c. 3.25
"Rufa" (New). Small, dainty variety, light orange changing to pure yellow, very early..... Each 50c. 4.50

***VALERIANA officinalis** (Hardy Garden Heliotrope). Fragrant, light pink flowers; foliage deeply cut. 3-5 ft. June, July..... 2.50
alba. Pure white..... 2.50

VERBASCUM longifolium pannosum (Mullein). Valuable and attractive border plant, large, silvery foliage. Clear yellow flowers. 4 to 5 ft. July-Aug. 3.25
olympicum. Silver foliage, bright yellow flowers. June-July..... 3.25
densiflorum. Yellow flowers with mahogany centers. 4-5 ft. June-July..... 3.25

VERONICA amethystina. Sky-blue flowers. 12-18 in. June-July..... 3.00
gentianoides. Pale blue. 1½ ft. May..... 3.00
incana. Silvery gray foliage and spikes of violet-blue flowers. 1 ft. July, Aug..... 3.00
longifolia subsessilis. Blue. This is one of the most beautiful herbaceous plants, and we cannot too highly recommend it; very attractive; continues to bloom until late Fall. 2 ft. Aug., Sept..... 3.00

VINCA minor (Periwinkle). Evergreen trailing plant with glossy, bright green foliage and pale blue flowers, an excellent ground cover under trees or shady nooks..... 2.25

VIOLA cornuta, Geo. Wermig. Free-flowering, large purple-blue flowers..... 2.50
Jersey Gem. Dwarf habit, a true cornuta variety, flowers, pure rich violet..... Each 35c. 3.25
cornuta Hybrids (Tufted Pansies)..... Each 35c. 3.25

Collection of 5 varieties, each 25c., \$2.25 for 10.

HARDY VINES and CLIMBERS

ACTINIDIA arguta. Shining dark green foliage. Flowers white, with purplish center. Pot-grown plants \$1.50 each

AKEBIA quinata. Numerous bunches of violet-brown flowers; does best in sunny places.

Strong, pot-grown plants.....\$1.00 each

Field-grown plants.....50c. each

AMPELOPSIS heterophylla. Well-adapted for covering rocks and low trelliswork.

Field-grown plants.....75c. each

Pot-grown plants.....\$1.00 to \$1.50 each

quinquefolia (Virginia Creeper). Very large, green foliage, changing to brilliant scarlet in the Fall.

Field-grown plants, 5 to 7 ft.....50c. each

Pot-grown plants, strong, 5 to 6 ft.....\$1.50 each

engelmanni. Similar to the preceding, with smaller and more dense foliage.

Field-grown plants, 5 to 7 ft.....75c. each

Pot-grown plants, strong, 5 to 6 ft.....\$1.50 each

tricuspidata lowi (Lowi) (New Japanese Ivy). The small, prettily lobed foliage changes to a brilliant crimson in Autumn.

Pot-grown plants.....75c. each

veitchi (Japanese or Boston Ivy). Rapid growing vine, handsome green foliage, assuming charming sun tints in the Fall.

Field-grown plants, 2-yr.....50c. each, \$4.50 for 10

Field-grown plants, 3-yr.....75c. each, \$7.00 for 10

Pot-grown plants.....\$1.00 each, \$9.00 for 10

Extra strong, pot-grown plants..\$1.50 each, \$14.00 for 10

ARISTOLOCHIA siphio (Dutchmans-pipe). A vigorous and rapid flowering climber.

Field-grown.....75c. to \$1.00 each

Pot-grown plants.....\$1.00 to \$1.50 each

BIGNONIA (Tecoma) grandiflora (Chinese Trumpetvine). Orange-red flowers.

Field-grown.....75c. to \$1.00 each

Pot-grown plants.....\$1.00 each, \$9.00 for 10

radicans (Common Trumpetvine). Brilliant orange-scarlet flowers in July and August.

Field-grown.....50c. to 75c. each

Pot-grown plants.....75c. each

CELASTRUS scandens (False Bittersweet). A native vine, of rapid growth, with large leaves and yellow flowers.

Field-grown plants.....75c. to \$1.00 each

CLEMATIS. Beautiful and attractive vines.

jackmani. One of the best; large, rich, velvety purple flowers in profusion.....\$1.25 to \$1.50 each

henryi. Large, creamy white, fine form.\$1.25 to \$1.50 each

Mme. Edouard Andre. Bright red flowers. Pot-grown plants of above.....\$1.50 each

paniculata (Japanese virgins-bower). The white flowers are very pretty, fragrant and resemble snowflakes in late Summer.

Field-grown plants.....50c. each, \$4.50 for 10

Pot-grown plants.....75c. each, \$6.50 for 10

EUONYMUS radicans. Very hardy, dense growing, trailing vine; dull green leaves, with whitish veins.

Field-grown plants.....50c. each, \$4.50 for 10

Strong, pot-grown plants.....75c. each, \$7.00 for 10

variegatus. Fine vine, with clinging tendrils. Compact, variegated, small leaves.

Field-grown plants.....50c. each, \$4.50 for 10

Strong, pot-grown plants.....75c. each, \$7.00 for 10

vegetus. Has round leaves and produces an abundance of showy red fruits with yellow pods.

Field-grown plants.....50c. each, \$4.50 for 10

Strong, pot-grown plants.....\$1.00 each, \$9.00 for 10

HUMULUS lupulus (Hopvine). The Hop has fine large, three-lobed leaves, rough on both sides.

Pot-grown plants.....50c. each

HEDERA helix (English Ivy). This is the popular, small-leaved variety and has proved perfectly hardy.

Pot-grown plants.....50c. each, \$4.50 for 10

Extra strong plants.....75c. each, \$6.50 for 10

Specimens with many branches trained on sticks.

4 to 5 ft.....\$2.00 each, \$18.00 for 10

5 to 6 ft.....\$3.00 each, \$27.00 for 10

6 to 7 ft.....\$4.00 each, \$36.00 for 10

LONICERA japonica aureo-reticulata. Handsome foliage, netted and spotted bright yellow.

2-year plants...50c. each, \$4.50 for 10, \$35.00 per 100

—**halliana** (Halls Japanese Honeysuckle). A strong grower and constant bloomer. A choice variety.

2-year plants...40c. each, \$3.50 for 10, \$30.00 per 100

POLYGONUM baldschuanicum. A useful climbing plant, perfectly hardy, a strong grower, covering itself with a sheet of snowy white flowers.

Pot-grown plants.....\$1.00 each

PUERARIA thunbergiana (Kudzu-vine). A most remarkable rapid growing vine, unparalleled for ornament and shade.

2-year plants.....35c. each

3-year plants.....50c. each

Strong, pot-grown plants.....70c. each

SCHIZOPHRAGMA hydrangeoides (Climbing Hydrangea). Has bright green, round leaves, and flowers similar to Hydrangeas.

Pot-grown plants.....\$2.50 each

Extra strong plants.....\$4.00 each

TECOMA. See **Bignonia**.

WISTERIA macrobotrys (multijuga) (Japanese Loose-clustered Wisteria). A rare species, with purplish or lilac-colored flowers, borne in immense clusters, sometimes 2 ft. in length.

Pot-grown plants.....\$2.00 to \$4.00 each

Specimens in tubs.....\$5.00 to \$10.00 each

—**alba (multijuga alba)**. Very rare; large, white clusters of flowers.

Pot-grown plants.....\$2.00 to \$4.00 each

Specimens in tubs.....\$5.00 to \$10.00 each

sinensis (chinensis) (Chinese Wisteria). Flowers sky-blue, in long, pendulous clusters.

Pot-grown plants.....\$1.00 to \$3.00 each

Specimens, in tubs.....\$4.00 to \$10.00 each

—**alba (chinensis alba)** (White Chinese Wisteria). A choice variety with white flowers.

Pot-grown plants.....\$1.50 to \$3.00 each

Specimens, in tubs.....\$4.00 to \$5.00 each

WATER-LILIES and AQUATIC PLANTS

Hardy Nymphaeas

Alba candidissima. A vigorous variety. Flowers large, of sparkling whiteness. Very desirable and handsome. Each \$1.50

Marliacea carnea. Soft flesh-pink, deepening toward the base of the petals. 1.50

Marliacea chromatella. A free and vigorous grower. Flowers 4 to 6 inches across, bright canary-yellow, stamens deep yellow; leaves deep green, beautifully blotched with brown. 2.00

Marliacea rosea. Resembles *N. marliacea carnea* in habit and growth; flowers large, deep rose-color; young leaves purplish-red, changing to deep green. One of the best for cutting. 2.50

Tuberosa rosea. Flowers of an exquisite shade of pink, 4 to 5 in. across, standing well out of the water. 1.25

Tuberosa richardsoni. Flowers white, 6 to 8 in. across, forming with its numerous petals a perfect globe when fully open. 1.25

Tender Nymphaeas

Tender Nymphaeas should be planted about the first of June, when warm, settled weather is assured.

DAY BLOOMING

	Each
Gracilis. Flowers white, 6 to 8 in. across.....	\$2.25
Mrs. C. W. Ward. Color deep rosy pink, with golden yellow stamens.....	2.25
Pulcherrima. A beautiful, light blue variety.....	2.25
William Stone. A rich violet blue. Very desirable..	2.25
Zanzibariensis. A superb variety of the deepest purple.	3.00
Zanzibariensis rosea. Flowers rose, of various shades.	1.25

NIGHT BLOOMING

Bisseti. Beautiful rose-pink, flowers 8 to 10 in. in diameter.....	2.50
Dentata. Pure white, free blooming.....	1.25
Deaniana. Strong growing, flowers pale pink.....	1.75
Frank Trelease. Large, rich crimson flowers, leaves mottled.....	1.75
Rubra rosea. Rosy-carmine. Very free blooming.....	1.50

Miscellaneous Aquatics

	Each	Doz.
ACORUS japonicus variegatus (Variegated Sweet Flag). One of the finest variegated plants in cultivation.....	\$0.35	\$3.25
ANACHARIS canadensis gigantea. Attractive dark green leaves on lighter stems. Grows entirely under water. Very suitable for the aquarium.....	.25	2.50
CYPERUS alternifolius (Umbrella Palm). A very attractive plant for growing in small pools or in moist ground.....	.30	....
EICHHORNIA crassipes major (Water-hyacinth). An interesting floating plant, with dark, lustrous leaves and delicate, rosy-lilac flowers on large spikes.....	.20	2.00
LIMNOCHARIS humboldti (Water Poppy). Produces a profusion of yellow flowers throughout the Summer. An excellent plant for cultivation in tubs or in shallow pools. Requires greenhouse protection in Winter.....	.25	2.50
SAGITTARIA japonica fl. pl. The double-flowering Arrowhead. Very desirable for planting in tubs or on margins of ponds and streams.....	.65	6.25

Nelumbiums

They are of easy culture and are hardy, providing the tubers are kept free from frost.

	Each
Album grandiflorum. Large, pure white flowers, fragrant.....	\$3.00
Luteum (The American Lotus). Flowers creamy yellow.	2.00
Perkinensis rubrum. Flowers brilliant rosy-crimson.	4.00
Speciosum (Egyptian Lotus). Beautiful rose flowers, free flowering.....	2.00

GREENHOUSE PLANTS

	2¼-in. pots Doz.	100	3-in. pots Doz.	100
BEGONIA, Glory of Cincinnati. A beautiful shade of pink.....	\$7.00	\$50.00	\$10.00	\$75.00
Melior. A more vigorous type of Lorraine.....	7.00	50.00	10.00	75.00
Mrs. J. A. Peterson. Deep pink flowers with red foliage.	7.00	50.00	10.00	75.00
Peerless. Red, bronze foliage.	8.00	60.00	11.00	85.00
Winter-flowering. Hybrid type vars.....				
Each \$2.50, doz. \$25.00	....	....	....	....

GREENHOUSE PLANTS—Continued

	2½-in. pots Doz. 100		3-in. pots Doz. 100	
BOUGAINVILLEA sanderi- ana. A free Easter flower- ing plant.....	\$3.00	\$20.00	\$4.50	\$30.00
BOUVARDIA. Single pink or white.....	3.00	20.00	....	....
BUDDLEIA asiatica. White..	3.00	20.00	4.00	25.00
farquhari. Pale pink.....	5.00	35.00	....	....
CYCLAMEN (Giant Strain). 3-in. pots.				
Pure White......	....	....	4.00	30.00
White with Pink Eye......	....	....	4.00	30.00
Pink......	....	....	4.00	30.00
Glory of Wandsbek......	....	....	4.50	35.00
Salmon......	....	....	4.00	30.00
Red......	....	....	4.00	30.00
CALENDULA, Selected, Dou- ble Orange King or Balls.	1.50	10.00	....	....
CHRYSANTHEMUMS. Stand- dard varieties to name.....	2.00	15.00	....	....
CINERARIA, Half Dwarf Hy- brids.	2.00	15.00	....	....
EUPHORBIA jacquiniaefolia. A Christmas plant.....	4.00	30.00	....	....
GARDENIA veitchi (Cape-jas- mine).....	2.50	18.00	3.50	25.00
MARGUERITE, Mrs. F. San- der. Double white.....	2.00	14.00	....	....
Boston Yellow Daisy.	2.00	14.00	....	....
Mothers Favorite. Double white.....	2.25	15.00	....	....
POINSETTIA (Oak Leaf). An improved variety which does not drop its lower leaves....	4.00	30.00	....	....
PRIMULA obconica grandi- flora.	2.00	12.00	3.00	20.00
malacoides, American Le- gion. Large clear pink, yel- low center.....	2.50	16.00	....	....
malacoides. Delicate lilac. Free flowering.....	2.00	12.00	3.00	20.00
malacoides, King Albert. Pink.....	2.00	12.00	....	....
malacoides, Princess Mary. Bright pink.....	2.00	12.00	....	....
malacoides townsendi.	2.25	15.00	....	....
sinensis fimbriata. Mixed colors.....	2.00	12.00	3.00	20.00
SMILAX. A popular greenhouse climber.....	1.50	10.00	....	....
SOLANUM, Cleveland Red. An improved Jerusalem- cherry.....	2.00	14.00	3.00	20.00
Cleveland Yellow. Yellow fruits.....	2.00	14.00	3.00	20.00
STEVIA serrata. Dwarf or tall.	2.00	12.00	2.50	16.00
Double White.	2.00	12.00	2.50	16.00
SWAINSONA alba or rosea.	2.00	12.00	3.00	20.00
Orders for any of the above plants will be shipped in their season of delivery. Prices subject to change.				
SMALL FERNS. In variety for Fern dishes. 2¼-in. pots. \$12.00 per 100.				

Violets

	Doz. 100	
Marie Louise. Best double. Field grown roots of Violets.....	\$3.50	\$25.00
Princess of Wales. Best single. Field grown roots of Violets (Fall delivery).....	3.50	25.00

GREENHOUSE PLANTS—Continued

Antirrhinum (*Snapdragon*)

One of the most widely grown plants for greenhouse flowering and outside bedding.

Giant Red. A fine red variety.

Keystone. Clear rose-pink.

Nelrose. Deep pink.

Orlando. A beautiful bronze.

Phelps Giant White. The best white variety.

Philadelphia Pink. The best pink.

Silver Pink. A beautiful shade of light pink.

Yellow Giant. Very large flowering; yellow.

Plants of any of the above in season, 2¼-in. pots:
Doz. \$1.75, 100 \$12.00

Carnations, Choice Varieties

Aviator. Scarlet.

Belle Washburn. A fine red.

Benora. Color cream white, red markings.

Doris. The best crimson.

Enchantress Supreme. Salmon-pink.

Harvester. Snow-white.

Matchless. A very fine white.

Pink Delight. Salmon-pink.

Pink Matchless. Clear silver pink.

Rosette. A dark pink; fine grower.

Any of the above varieties, rooted cuttings, Spring delivery: Doz. \$1.50, 100 \$11.00

Field-grown plants (Fall delivery): Doz. \$3.50, 100 \$25.00

Carnations, Recent Introductions

ROOTED CUTTINGS

Doz. 100

Betty Lou. A pleasing shade of medium pink.

A good grower and very free flowering. . . . \$3.00 \$20.00

Cheerful. A continuous and free blooming dark pink variety. . . . 3.00 20.00

Dorner's Surprise. Same as Laddie in color, with a little smaller flower; very free bloomer. . 3.50 25.00

Eldora. The best variegated variety. Good grower and free-flowering. . . . 2.50 16.00

Johnson's Crimson. A very fine free-flowering crimson. . . . 3.00 20.00

Laddie. A warm rose-salmon pink, very large flowers. . . . 3.00 20.00

Maine Sunshine. The best clear yellow. . . . 3.50 25.00

Pink Matchless. An improved Windsor. Clear silver pink. . . . 2.25 15.00

Spectrum. A magnificent scarlet, large, vigorous and free-flowering. . . . 3.00 20.00

Thomas C. Joy. A pure glistening white. . . . 2.00 12.00

White Delight. A white sport of Pink Delight. An early, free flowering variety. . . . 2.50 16.00

Winsome. A Ward and Enchantress seedling with Ward color. A free bloomer. . . . 2.50 16.00

Pycnostachys dawei (*The Blue Beebalm Flower*)

A unique and beautiful blue Winter-flowering plant, coming to us from the Island of Madagascar, and blooming at a time when blue flowers are very scarce. The name is derived from the Greek pykno—"dense," and stachys—"a spike," referring to the dense, solid spike of flowers that it produces. The plant is an easy propagator, flowering from December to March. It lasts a considerable time in water or on the plant and is almost the only plant we have of its shade blooming during the Winter months under glass. Delivery June 1st.

25c. per plant, \$3.00 per doz., \$20.00 per 100

Erlangea tomentosum (*Winter Ageratum*)

A Winter-flowering plant with lavender Ageratum flowers and wonderfully fragrant foliage. As a Winter cut flower, it is very popular, flowering from December to April. Delivery June 1st.

25c. per plant, \$3.00 per doz., \$20.00 per 100

BEDDING PLANTS

FOR MAY DELIVERY

100

AGERATUM , Blue.....	\$12.00
BEGONIA <i>erfordi</i> , 3-in. pots.....	25.00
<i>luminosa</i> , 3-in. pots.....	25.00
<i>Vernon</i> , 3-in. pots.....	25.00
COLEUS , in variety.....	8.00
GERANIUM , <i>Alphonse Ricard</i> . Scarlet, 4-in. pots.....	35.00
<i>Glory of Poitevine</i> . Pink, 4-in. pots.....	35.00
<i>S. A. Nutt.</i> Red, 4-in. pots.....	35.00
<i>Mme. Buchner</i> . White, 4-in. pots.....	35.00
HELIOTROPE , <i>Sweet-scented Varieties</i> . Light and dark blue, 3-in. pots.....	25.00
LANTANAS , in variety, 2¼-in. pots.....	15.00
PANSIES , in variety.....	10.00
PETUNIA , <i>Rosy Morn</i> , 2½-in. pots.....	18.00
VERBENAS , <i>Blue</i> , 2½-in. pots.....	18.00
<i>Pink</i> , 2½-in. pots.....	18.00
<i>White</i> , 2½-in. pots.....	18.00

SMALL FRUITS

BLACKCAPS

Black Diamond. Very large; ripens early; very sweet and of fine flavor. Pulp, few seeds.

Cumberland. Very large, glossy berries; firm, juicy and sweet. Heavy cropper.

\$1.25 for 10, \$8.00 per 100.

BLACKBERRIES

Eldorado. Medium size; jet-black; pleasant, melting flavor, sweet and rich. The vine is very hardy and productive.

Kittatinny. Large; glossy black; sweet and juicy; excellent when fully ripe; fine for dessert or preserving.

Strong plants, \$1.25 for 10, \$8.00 per 100.

CURRENTS

Cherry. Bush vigorous, stocky and compact; fruit large; color bright red; berry thin-skinned, juicy and fine flavored.

Fay's Prolific. A popular red Currant; very large and sweet. Productive.

Perfection. Bush vigorous, hardy and very productive; berries larger than Cherry, with large clusters; color bright red.

White Grape. An excellent white variety; of large size; very sweet.

Strong, 2-year-old bushes, 45c. each, \$4.00 for 10

GOOSEBERRIES

Josselyn. Large red fruit,

Smiths Improved. Fruit greenish-yellow.

Triumph. Fruit golden yellow.

2-year-old bushes, 50c. each, \$4.50 for 10.

GRAPES

BLACK GRAPES

Campbell's Early. Handsome black berries, with purple bloom; rich.

Concord. Fine black variety; splendid flavor; reliable and productive; one of the most popular.

Hubbard. Black, sweet and delicious. Berries and bunch large. 2-year-old. 75c. each.

Moore's Early. Bunch medium; berry very large, with heavy blue bloom; good quality.

GRAPES—Continued

RED AND REDDISH PURPLE GRAPES

- Agawam.** Large bunches; red berries, tender and juicy. Good bearer. Ripens early.
Brighton. Flesh rich, sweet and of the best quality; ripens early, with the Delaware. Very productive.
Caco. Large, wine-red in color, bunches good size and extra good quality. Each, 1-year, 75c.; 2-year, \$1.25.
Catawba. Bunches large and loose; berries large, coppery-red, becoming purple when well ripened.
Moyer. Cluster has large berries and ripens early.

WHITE GRAPES

- Champagne.** Very large amber berry. Fine for dessert or making wine. Each, 2-year-old, 75c.
Duchess. Bunch medium to large, long and compact; berries medium, roundish; skin thick, greenish yellow when ripe, juicy and sweet.
Empire State. Bunch large; berry medium to large; flesh tender, sweet and juicy.
Niagara. Bunch medium to large; berry large, roundish, uniform; skin thin, with a thin, whitish bloom, flesh slightly pulpy; tender and sweet.
 Extra strong, 3-year-old canes, 50c. each, \$4.50 for 10.

FOREIGN POT-GROWN GRAPE VINES

BLACK VARIETIES

- Black Hamburg.** Berries large, juicy and rich.
Golden Hamburg. Large, oval, golden berries.
Gros Colman. Large bunches of fine berries.
Madrisfield Court. Large berries, rich Muscat flavor.

WHITE VARIETIES

- Fosters White Seedling.** Full-size oval berries.
Muscat of Alexandria. Best white variety. Strong fruiting canes, 2-year-old, \$5.00 each; 3-year-old, \$7.00 each.

LOGANBERRIES

Fruit similar to the Blackberry; color dark bright red; excellent for table and canning. Strong plants, 50c. each, \$4.50 for 10.

RASPBERRIES

- Cuthbert.** Deep, rich crimson.
Golden Queen. Large, amber-color, firm; fine quality. Remarkably productive.
Herbert. Very large berry and a heavy cropper. It has a distinctly rich flavor and is all meat.
St. Regis (Perpetual). Bright crimson; large berries all through Summer and Fall.
 Strong plants. 2-year-old, \$1.25 for 10, \$8.00 per 100.
La France. The giant everbearing red Raspberry. Strong canes, \$4.00 for 10, \$35.00 per 100.
Perpetual Superlative. While this very wonderful variety is as yet little known, the red-berries are very large and firm. It is a heavy cropper and bears until frost. \$4.00 for 10, \$35.00 per 100.

STRAWBERRY PLANTS

For full description see our Special Strawberry List.

- Barrymore, Brandywine, Campbell's Early, Gandy, Glen Mary, Hundred Dollar, Joe, McKinley, Marshall, New York, Nick Ohmer, Premier, Success, Stevens' Late Champion.**
 Layer plants of above, 60c. for 25, \$2.00 per 100.
Chesapeake, Early Jersey Giant, Lupton, Howard No. 17, John H. Cook, William Belt.
 Layer plants, 75c. for 25, \$2.50 per 100.
Bushel Basket, Edmund Wilson, St. Martin, Pearl.
 Layer plants, \$1.25 for 25, \$4.00 per 100.

STRAWBERRIES—Continued

EVERBEARING STRAWBERRIES

If planted in Spring, a good crop of fruit will be picked in Fall.

Progressive. \$1.00 for 25, \$3.00 per 100.

Francis, Ideal, Superb. \$1.25 for 25, \$4.00 per 100.

Lucky Boy. \$2.00 for 25, \$6.00 per 100.

WINEBERRIES

A very hardy and vigorous berry. Large clusters of scarlet, wine-colored fruit. Strong plants, \$1.50 for 10.

SELECTED FRUIT TREES

Orders for FRUIT TREES for shipment outside of the states of New York, New Jersey, Pennsylvania, and Connecticut we cannot accept.

We recommend northern-grown fruit trees to our customers, as they will be found to give better satisfaction than southern-grown or western-grown trees. We furnish excellent clean trees, which, if planted carefully, are almost sure to succeed. Trees, when received, should be planted at once in rich, prepared soil, the roots being carefully separated and spread. If dry weather follows planting, the trees must be watered and mulched. Branches of last season's growth should be well cut back, thus encouraging the vigorous growth of new healthy shoots.

APPLES

The following is a list of the best Apples we have decided to include after trial. The months indicated are those in which the different varieties usually mature.

SUMMER VARIETIES

Early Harvest. Medium size; pale yellow; mild, fine flavor. August.

Golden Sweet. Large, yellow, sweet variety. August, September.

Red Astrachan. One of the best of the Summer varieties. Apples are of medium size but uniform; flesh white, streaked with red; juicy and tender. August.

Sweet Bough. Splendid for baking; large; pale yellow; tender and sweet. August.

Yellow Transparent. A splendid early variety; fruit good size; mild and delicious; yellowish white when ripe.

AUTUMN VARIETIES

Fall Pippin. Very large; yellow; tender, juicy and rich. A favorite Fall cooking Apple. October to November.

McIntosh Red. A valuable hardy Canadian sort. Medium size; nearly covered with dark red; flesh white, fine, tender, juicy and refreshing. A good annual bearer of fair, handsome fruit. Resembles the Fameuse, but is larger and more hardy, and fully equal in quality to this standard sort. November to February.

Gravenstein. Vigorous growth; fruit large; greenish yellow, striped with red; good for home use or market. September, October.

Wealthy. A native of Minnesota, where it has proved perfectly hardy, vigorous and productive. Fruit of medium size; red, streaked with white. October and November.

WINTER VARIETIES

Baldwin. A fine keeper in a common dry cellar. Very large, round; red-and-yellow skin. Very profitable market sort. December to March.

Delicious. Distinctive in shape and beautiful in color. Large; brilliant dark red, blending to golden yellow at the blossom end; sweet in flavor, slightly touched with acid, but only enough to make it more pleasing. Bears annually. December to April.

APPLES, WINTER VARIETIES—Continued

King (Tompkins County). Large and handsome; striped red and yellow. Tree vigorous and productive. November to May.

Northern Spy. Large; bright yellow; juicy, crisp and tender. Splendid for table or cooking. Ready to eat in November and will keep in good condition until June.

Rhode Island Greening. A splendid cooking variety. Fruit large; green, sometimes with red cheek. October to February.

Roxbury Russet. Medium size; dull green, nearly covered with russet; skin tough; flesh mild and appetizing. January to June.

Spitzenburg. Large, round; red with gray dots; delicious flavor. December to April.

Winesap. Medium; dark red; subacid, excellent. Tree a moderate grower and abundant bearer. A favorite market variety in the West. December to May.

1-in. diam. \$2.00 each, 1¼-in. diam. \$3.00 each

CRAB-APPLES

Hyslop. Large size; red in color; hardy, sharp acid flavor. September, October.

Large Yellow Siberian. Nearly as large as the above; fine amber or golden yellow.

Transcendent. All things considered, this is one of the most valuable varieties of Crab-apples grown. Tree remarkably vigorous, growing to a good size and very productive. One of the best sellers.

1-in. diam. \$1.50 each

CHERRIES

BIGARREAU or SWEET

Black Tartarian. Vigorous growth; very large; purplish black; one of the best. Ripening end of June.

Governor Wood. Vigorous growth; medium; clear, light red; tender and delicious. Ripening end of June.

Schmidt's Bigarreau. A most promising Cherry. Fruit of immense size, of a rich, deep black; flesh dark, tender, very juicy, with a fine flavor. Bears abundantly, and makes a most excellent dish for the table.

Windsor. Originated at Windsor, Canada. Fruit large, liver-colored.

Yellow Spanish. Large; pale yellow, with red cheek; firm, juicy and excellent. Last of June.

MORELLO, or SOUR CHERRIES

Early Richmond. Medium size; dark red; juicy, rich acid flavor. The stone adheres to the stem. One of the most valuable of sour Cherries.

Montmorency (Large Montmorency). A Cherry of the Richmond class, but larger and more solid. Ripens from 7 to 10 days later than the Richmond.

Morello, English. Large; dark red, nearly black; tender, juicy, subacid; valuable for preserves; tree small; productive.

1-in. diam. \$2.00 each

PLUMS

Coes Golden Drop. Large and handsome; light yellow, firm, rich, sweet; one of the best of the late Plums. Last of September.

German Prune. A large, long, oval variety, much esteemed for drying; color dark purple; of very agreeable flavor. Sept.

Imperial Gage (Flushing Gage; Prince's Imperial Gage.) Fruit large, oval; skin pale green; flesh juicy, sweet, rich and excellent. Middle of August.

1¼-in. diam. \$2.00 each

SELECTED FRUIT TREES—Continued

PEACHES

Belle of Georgia. Very large; skin white with red cheek; flesh white, firm and of excellent flavor; fruit uniformly large and showy. September 1 to 5.

Crawford's Early. A magnificent large, yellow Peach of good quality. Tree vigorous and very productive. Its fine size, beauty and productiveness make it one of the most popular sorts.

Crawford's Late. Very large; yellow; juicy, good; freestone. End of September.

Carman. A hardy rot-proof Peach, ripening with Early Rivers. Large, round, with pale yellow skin and red blush on sunny side; white flesh, sweet flavor.

Elberta. Large, light-colored yellow Peach; juicy, well-flavored; finest yellow freestone.

Greenboro. The largest and most beautifully colored of all the early Peaches. Of good quality; juicy; a freestone, but adheres slightly.

J. H. Hale. New. Large, late Peach. Fine.

Waddell. Fruit medium to large, oblong; skin rich creamy white, nearly covered with red; flesh white, firm, rich and sweet; freestone. Very prolific and very early.

$\frac{3}{4}$ -in. diam. \$1.00 each

PEARS

SUMMER VARIETIES

Bartlett. Splendid flavor; large; yellow and red; good for eating or canning. September.

Clapp's Favorite. Good bearing variety. Fruit large; yellow and crimson. August.

Wilder. Regular in form, fair size and very handsome; greenish yellow with reddish cheek; flavor sweet and pleasant. August.

AUTUMN VARIETIES

Anjou. Fruit large; yellow; very little core; splendid flavor; keeps well into mid-Winter. November.

Beurre Bose. Large; yellow-russeted; half-melting, high-flavored and excellent. A poor grower. September and October.

Duchesse d'Angouleme. Very large; greenish yellow, sometimes a little russeted. Makes a beautiful tree; does best on Quince. One of the best. October and November.

Seckel. A splendid Pear for the home garden. Of very rich flavor; small; color brownish green with reddish cheek. September, October.

Sheldon. Medium to large; yellow and red. Very excellent and promising variety from Wayne County, N. Y. Tree a fine grower and productive; must be double worked to grow on Quince. October.

WINTER VARIETIES

Lawrence. Probably the best dessert Pear for use in early Winter. Fruit is of fair size, yellow, juicy and sweet; excellent for cooking or eating. December.

Kieffer. Tree a remarkable grower, with so vigorous a constitution that it rarely, if ever, blights. Fruit of fine size, rich color, and fair quality. Brings high prices in competition with other varieties, and is a great market Pear. Best when picked at maturity and house-ripened. October and November.

1-in. diameter \$2.00 each, $1\frac{1}{4}$ -in. diam. \$3.00 each

QUINCES

Apple, or Orange. Large, roundish; bright golden yellow; very productive.

Bourgeat. One of the finest yet offered. Color, rich golden, and quality extra good. Extra large.

Champion. A vigorous and productive variety. Ripening very late.

Rea, or Reas Mammoth. A very large and fine variety of Orange Quince. One of the best.

$\frac{5}{8}$ -in. diam. \$1.50 each

GARDEN TOOLS and SUNDRIES

	Each
APRONS, Gardener's Rubber Waterproof and Shal- loon	\$2.50 to \$5.00
ASPARAGUS BUNCHER	5.00
ASPARAGUS KNIVES, English	2.50
ASPARAGUS KNIVES, American	.50
AXES, Felling. With handle	\$3.00 to 4.00
BASKETS, English Garden.	
No. 4, 15x 8 in.....	1.25
No. 5, 16x 9 in.....	1.75
No. 6, 18x10 in.....	2.00
No. 7, 21x11 in.....	2.25
No. 8, 23x12 in.....	3.00
No. 9, 24x13 in.....	3.25
No. 10, 28x14 in.....	3.75
Orchid ... 6-in. doz. \$5.00; 7-in., doz. \$6.00; 8-in., doz.	7.00
Strawberry, 1-qt. Per 100 \$1.75, per 1000	\$16.00
2-qt..... Per 100 \$2.75, per 1000	\$25.00
Vegetable	Each
No. 1, 18x10½x6 in.....	\$1.75
No. 2, 21x12x6½ in.....	2.00
No. 3, 23x13x7 in.....	2.50
No. 4, 28x15x8 in.....	2.75
No. 5, 25x16x8½ in.....	3.00
Wire Hanging, 12 in	.50
14 in.....	.75
18-in.....	1.00
BELLOWS, Woodason's Powder	
Small, Single Cone	3.00
Large, Single Cone	5.00
Double Cone	7.00
BILL HOOKS, "English."	
Double Edge, short handle	3.00
Single Edge, long handle	6.50
BLAKES LEVER CLIPS. For fastening rose wire.	
Per 500 \$1.50, per 1000.....	2.50
BOOTS, Gardeners' Rubber. ¾ length, best quality. Pr. State size.....	\$8.50
BOXES, Corrugated Cardboard. Very heavy and dur- able, extensively used by florists for shipping cut flowers.	25 100
No. A, 20x 7x4 in.....	\$7.00 \$25.00
No. B, 28x 8x5 in.....	12.00 40.00
No. C, 30x12x6 in.....	17.50 55.00
No. D, 36x14x8 in.....	18.50 70.00
No. E, 48x14x8 in.....	25.00 80.00
No. F, 36x12x6 in.....	8.00 60.00
Cardboard. For shipping cut flowers.	
Length Width Depth	100
No. 1. 18 in. 5 in. 3 in.....	\$8.00
No. 2. 24 in. 8 in. 5 in.....	14.00
No. 3. 28 in. 8 in. 5 in.....	17.00
No. 4. 36 in. 8 in. 5 in.....	22.50
No. 5. 21 in. 5 in. 3 in.....	8.00
	Each
BROOMS, Birch. For lawns	\$0.75
Stable or Push	2.00
"Kongo" African Bass. For general use	2.00
BRUSHES, or FLOWER POT SCRUBBERS. Made of coir fibre..... Doz. \$2.50	.25
Flower Pot, Cone-shaped. Made of bristle, wood handle.....	1.50
BRUSH HOOKS, American	3.00

GARDEN TOOLS and SUNDRIES—Continued

BURLAP.....Per yd.\$0.18

Wrapping. For protecting plants. In lengths 25 to 200 yards.

No. 1 quality, 36 in. wide.....	Per yd.	.22
No. 2 quality, 36 in. wide.....	Per yd.	.20
No. 3 quality, 36 in. wide.....	Per yd.	.18

CARNATION BANDS, Rubber.....Per oz. .30

CARNATION STAPLES. For split Carnations.Per 1000 .50

CARNATION SUPPORTS

“Model Extension”	Doz.	100
Wire, 2-ring.....	\$1.25	\$7.50
Wire, 3-ring.....	1.50	8.50

CANE STAKES, Bamboo.

Japanese, stained green. Light and durable.

	Doz.	100	1000
1½ ft.....	\$0.15	\$1.00	\$8.00
2 ft.....	.20	1.25	10.00
2½ ft.....	.25	1.50	12.00
3 ft.....	.30	1.75	14.00
3½ ft.....	.40	2.00	16.00
4 ft.....	.50	2.25	20.00

Chinese, natural color.

4 ft., ½ in. diam.....	.75	5.00	45.00
6 ft., ¾ in. diam.....	1.00	7.50	70.00
8 ft., 1½ in. diam.....	1.25	8.00	75.00

Domestic Bamboo, tapering.

6 to 8 ft.....	3.25	30.00
9 to 12 ft.....	6.00	55.00

CELERY BLEACHER, Areanddee. R. & D. is a Each patented, flexible, odorless, waterproof material packed in rolls containing 100 ft. Superior to old style bleachers. 100 ft. roll, 12 in. width, including 25 48-in. wire supports.....\$5.00

COTTON WADDING. Sheets, 40x40 in., doz..... 1.50

FLOWER POTS, PANS, ETC. (Earthenware).

	100	1000
Flower Pots, 2½-in.	\$2.25	\$16.50
3-in.....	2.60	21.00
4-in.....	4.00	33.00
5-in.....	7.20	58.00
6-in.....	9.00	88.00
7-in.....	18.00	....
8-in.....	25.00	....
9-in.....	35.00	....
10-in.....	45.00	....
12-in.....	90.00	....
	Doz.	100

Flower Pot Saucers, 4-in.	\$0.50	\$3.00
5-in.....	.60	3.50
6-in.....	.85	5.00
7-in.....	1.10	7.00
8-in.....	1.35	9.50
9-in.....	1.75	12.50
10-in.....	2.15	15.00
12-in.....	3.25	24.00

Bulb Pans (Round) 6x4½ in. deep	1.50	10.00
8x4½ in. deep.....	3.15	23.00
10x4½ in. deep.....	5.75	46.00
12x4¾ in. deep.....	11.75	95.00

Azalea Pots.

6 in. wide x 4½ in. deep.....	1.50	10.00
7 in. wide x 5¼ in. deep.....	2.25	16.00
8 in. wide x 6 in. deep.....	3.25	23.00
10 in. wide x 8 in. deep.....	6.25	48.00

Waterproof Paper Pots

	100	1000
3-in.....	\$0.95	\$8.50
3½-in.....	1.15	10.50
4-in.....	1.50	14.00
5-in.....	2.50	22.00
6-in.....	3.00	25.00

GARDEN TOOLS and SUNDRIES—Continued

Fibre Ware.**Fibre Saucers.**

	Doz.
5-in.....	\$4.25
6-in.....	4.50
7-in.....	4.75
8-in.....	5.25
10-in.....	6.50
12-in.....	7.25
14-in.....	10.00
16-in.....	18.00
18-in.....	20.00

Fibre Vases:

Size	Height	Top Diameter	Each	Doz.
A	6½ in.	8½ in.	\$1.00	\$9.75
0	13 in.	8¾ in.	1.40	13.80
1	10 in.	6 in.	1.10	10.80
2	8¾ in.	4¾ in.	1.00	9.60
3	5½ in.	4¼ in.	.90	8.40
4	4½ in.	3¼ in.	.80	7.80
00	21 in.	10 in.	2.75	27.60
01	20 in.	7½ in.	1.50	15.00
11	18 in.	6¾ in.	1.40	13.80
22	15 in.	5¼ in.	1.20	12.00
33	12 in.	4¾ in.	1.10	10.80
44	9 in.	3½ in.	1.00	9.60

FORKS, Digging.

	Each
4-prong, best quality, short handles.....	\$2.50
5-prong, best quality, short handles.....	3.25
Manure , 4-prong, best quality, short handles.....	2.50
5-prong, best quality, short handles.....	3.25
Hay , 2-prong, best quality, long handles.....	2.00
3-prong, best quality, long handles.....	2.25
Weeding . Short handles.....	.75
GARDEN LINES , 100 ft.....	1.75
200 ft.....	3.50
GARDEN REELS , English.....	3.00
GLOVES , Pruning, Oxford Tan.....	Pair 2.50
GRAFTING WAX	Lb. .50

Each
GRASS HOOKS or **SICKLES**, best quality, English.. \$1.50

GRAPE BAGS, Paper..... Per 100 \$1.25, per 1000 10.00

HEDGE TRIMMER, "Little Wonder." Model B.

Cuts 40 in. wide, light, and easy to operate.....25.00

HOES , Draw, Handled. Best quality. 5-in.....	1.00
6-in.....	1.10
7-in.....	1.25
8-in.....	1.50

Scuffle , best quality (English). 5-in.....	1.20
6-in.....	1.30
7-in.....	1.40
8-in.....	1.60

Handles, Extra......40

Warren, 7½-in.....1.50

HORSE BOOTS. (Set of four.).....22.00

HOSE, Electric Garden. This is the highest grade ribbed hose manufactured; for strength and flexibility it has no equal.

½ in.....	Per ft. .24
⅝ in.....	Per ft. .25
¾ in.....	Per ft. .30

Blacksnake. Good quality hose, strong and durable. Second only to Electric Hose.

½ in.....	Per ft. .18
⅝ in.....	Per ft. .20
¾ in.....	Per ft. .21

All garden hose is put up in 25- and 50-ft. lengths, with couplings.

Electric Spray. Pressure 400 lbs.

⅜ in.....	Per ft. .38
½ in.....	Per ft. .40
⅝ in.....	Per ft. .50
¾ in.....	Per ft. .55

GARDEN TOOLS and SUNDRIES—Continued

HOSE MENDERS, Cooper's Brass, $1\frac{1}{2}$ in.	Doz.	\$1.35
$\frac{3}{4}$ in.	Doz.	1.50
Perfect Clinching, $\frac{3}{4}$ in.	Doz.	1.50

LABELS, Wooden, Pot and Garden. Painted	100	1000
4 in.	\$0.40	\$2.25
5 in.	.50	2.75
6 in.	.60	3.50
8 in.	1.50	9.50
10 in.	1.75	12.00
12 in.	2.00	15.00
Tree (Copper-wired). Painted, $3\frac{1}{2}$ in.	.75	3.25
		100
Pot (Celluloid (5-in.))		\$5.00
"Simplex" Waterproof, $3 \times 1\frac{1}{2}$ in.		2.50
"Simplex" Waterproof, $4 \times \frac{3}{4}$ in.		4.50
"Simplex" Waterproof, 5×1 in.		6.50

LAWN MOWERS Each

Pennsylvania Jr. High wheel (5 blades).	
15-in.	\$29.00
17-in.	32.50
19-in.	36.50
21-in.	40.50

Great American. High wheel (5 blades).	
15-in.	22.00
17-in.	24.00
19-in.	27.00
21-in.	30.00

Pennsylvania Putting Green Roller Mower (6 blades).	
12-in.	28.00
14-in.	32.00
16 in.	36.00
18-in.	40.00
Grass box for above.	10.00

Horse Mower, Townsend Triplex, 86-in. cut.	375.00
F. O. B. Bloomfield, N. J.	

The Coldwell Electric Lawn Mower. 21-in. cut.	
Weight 157 lbs. As easy to operate as a vacuum cleaner (Descriptive booklet on request)	175.00
Grass Box for Electric Mower	5.00
F. O. B. Newburgh, N. Y.	

LAWN SWEEPER, Pennsylvania.

24-in.	32.00
36-in.	45.00

LAWN SPRINKLERS.

The Dayton. The most practical and durable sprinkler for lawns and gardens. It sprinkles from a 3-ft. to a 40-ft. radius.	8.00
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California Lawn Sprinkler. Has four brass arms mounted on sled.	2.75
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Brass Fountain Sprinkler.	1.25
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MATS, Hotbed. Burlap, 76x76.	Doz. 40.00
Hotbed. One side waterproof, 76x76.	Doz. 55.00

MELON NETS.	Doz. \$3.00, 100 22.00
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MOLE TRAPS, The Reddick.	Each 1.35
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NAILS, English Wall (Chandler's Patent), $1\frac{1}{2}$ in.	
Box of 100	2.00

NETTING, Dark Tanned. Imported.	
In pieces, 50 yds. x 4 yds.	14.00
In pieces, 25 yds. x 8 yds.	14.00

PAPER, Wax, Tissue, 24x36.	Ream 4.50
Plain, Tissue, 24x36.	Ream 3.00

Cream, Manila, 24x36.	Lb. .16
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Cream, Manila.	Ream of 50 lbs. 7.50
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Brown, Wrapping, 40x48.	Lb. .16
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Brown, Wrapping, on rolls, 24 in. wide.	Lb. .16
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Brown, Wrapping, on rolls, 36 in. wide.	Lb. .16
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PENCILS, Wolff's Indelible.	Each .20
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GARDEN TOOLS and SUNDRIES—Continued**PLANT STAKES.**

	100
Round, Green, Light, 2 ft.	\$4.00
3 ft.....	7.50
4 ft.....	12.00
Heavy, 4 ft.	15.00
5 ft.....	18.00
6 ft.....	24.00
Square, Heavy, 4 ft.	20.00
5 ft.....	25.00
6 ft.....	30.00
Wire Stakes for Roses, 3 ft.	3.00
4 ft.....	4.00
5 ft.....	5.00
6 ft.....	5.75

POTATO HOOKS.

	Each
4-prong.....	\$1.25
5-prong.....	1.50

PLANT PROTECTING CLOTH.

Light grade, 1x70 yds.....	Per yd.	.16
Medium grade, 1x60 yds.....	Per yd.	.26
Heavy grade, 1x40 yds.....	Per yd.	.35

PUMPS, Pomona Barrel Spray Pump. Pump with Each agitator and hose coupling.....\$22.00

Outfit C. Pump with agitator. One lead, 15 ft. discharge hose and nozzle.....	28.25
Mounted on barrel.....	39.00

Outfit D. Pump with agitator. Two leads, hose and two spray nozzles.....	34.50
Mounted on barrel.....	45.00

Fruitall Barrel Spray Pump.

Outfit C. Sprayer with agitator and one leaf of 15 ft. $\frac{1}{2}$ in. discharge hose, with "Mistry Jr." spray nozzle. Without barrel.....	21.50
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Outfit D. Sprayer with agitator and two leads, 15 ft. each, $\frac{1}{2}$ in. discharge hose, with "Mistry Jr." spray nozzles. Without barrel.....	28.50
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We supply barrel (50-gal. capacity), and mount sprayer on it, for \$7.50 extra, but the barrel is not furnished unless specially ordered.

PARAGON SPRAYER NO. 4. Capacity, 28 gals.

Equipment: 20 ft. special spray hose, 10 ft. extension pipe, 1 mist spray nozzle, 1 extra steel cap, 1 straight spray. Paragon Sprayer No. 4 is especially adapted for use in large greenhouses, also for tree spraying, etc. It is mounted on strong, 30-in. wheels. This is a very handy outfit. Complete.. 39.50

PARAGON SPRAYER NO. 3. For spraying trees, vegetables, whitewashing or water paints. Mounted on a strong metal truck and can easily be wheeled to any desirable place. All liquid passes through the automatic, self-cleaning strainer before entering the pump, and cannot clog the nozzle when spraying.

Equipment: 10 ft. special spray hose, 7 $\frac{1}{2}$ ft. extension pipe, 1 mist nozzle, 1 steel cap, 1 straight spray. Any additional length of hose can be furnished at a reasonable extra charge. Capacity, 12 gals. galvanized tank..... 25.00
Without truck..... 21.50

RAKES, Steel.

14 teeth.....	1.35
16 teeth.....	1.45
18 teeth.....	1.55

Hay, Wooden, 12 teeth	1.25
Lawn, Wooden. Steel bow, 24 teeth.....	1.50

Bamboo Lawn Rake. Made of split bamboo; wired top and bottom, light and durable. Excellent for raking leaves, grass or paths. Has a 4-ft. adjustable wood handle..... 1.25

GARDEN TOOLS and SUNDRIES—Continued

	Each
SAWS, Pruning, Single Edge. 16 in.	\$1.60
18 in.	1.75
20 in.	2.00
Double Edge (Paragon). 16 in.	2.15
18 in.	2.30
20 in.	2.50
SCYTHES, Lawn. English, best quality.	3.50
SCYTHE SNATHS or HANDLES.	2.00
SCYTHE STONES. Round. Doz. \$3.75	.35
SCISSORS, Vine. English. 7 in.	2.25
SHEARS, Hand Pruning, Wiss. 9 in.	4.00
10 in.	4.50
Wheel Spring, imported, 8 in.	4.00
9 in.	5.00
Perfection. Double cut (imported), 8½-in.	4.50
Hedge. English, 9 in.	5.00
10 in.	6.50
Lopping. English.	5.00
Rhodes. Double cut, 20-in. handle.	5.00
26-in. handle.	5.50
Border. English, long handles, 9 in.	6.50
10 in.	7.50
Grass or Sheep. Best quality.	1.50
SHOVELS. Best cast steel, square or round point. ...	2.50
SIEVES, Wire. 18 in. diam. \$2.50 and	3.00
SILKALINE, Meyer's Green. Box of 8 spools . . .	3.50
SPADES. Best cast steel. (Ames')	2.50
SPRAYERS, The Robertson Compressed Air.	
Tin Pump and Tin Container.	1.50
Tin Pump and Galvanized Iron Container.	1.75
Brass Pump and Brass Container.	2.25
Brass Pump and Copper Container.	2.50
All sprayers have brass tubes and fittings.	
AUTO SPRAY PUMPS. No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs and vines, greenhouses, poultry houses, hospitals and stables for disinfectants, for sheep and cattle dip and cattle fly oils. It may be used where any bucket or knapsack sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power sprayers need the "Auto Sprayer" No. 1 for small work.	
No. 1B. Brass tank, with "Auto-Pop"	9.50
No. 1D. Galvanized tank, with "Auto-Pop"	6.50
"Auto-Pop" Nozzle, with hose and connections. ...	2.00
"Auto-Pop" Nozzle.	1.50
Extension Pipe, brass, 2 ft. lengths. Each	.60
Elbow Extension, solid brass.	.35
Brass Strainer.	1.50
Set of Soft Parts for No. 1.	.25
AUTO SPRAYER NO. 3. A general purpose sprayer that can be used for any purpose on the farm and garden. It has all steel truck handles and 2-in. face wheel, 8 ft. of ¾-in. hose, lever shut-off and screen nozzle.	
Auto No. 3C Brass Tank. Capacity 12 gals.	28.00
Auto No. 3D Galvanized Tank. Capacity 12 gals.	21.00
Auto No. 3E Brass Tank, with compressed air chamber. Capacity 12 gals.	40.00
Extension Pipes, 2 ft. 8 in.	.50
SPRAYERS, Brass Bucket. This spray pump is especially designed for spraying in gardens and greenhouses. The pump is double acting in effect, has gutta percha ball valves. Footpiece is malleable iron. The pump end of discharge hose is wire wound. Each	6.50

GARDEN TOOLS and SUNDRIES—Continued**STAKES, Hyacinth.** Green, 18 in. long. 100 40c., 1000 \$3.50**THERMOMETERS**

	Each
Japan. Tin case, 6 to 12 in.....	50c. to \$1.00
Copper Case, 8 in.....	1.00
10 in.....	1.25
Boxwood.	50c. to 1.00
Porcelain Scale. For conservatory.....	\$1.50 to 2.00
Self Registering (Maximum and minimum).....	6.50
Mushroom Bed. Boxwood, brass tips, 16 in.....	3.00

TINFOIL	Lb. .50
Violet or Green	Lb. .75

TOOTHPICKS. Wired.....	Per 1000 .75
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SYRINGES, Brass, No. 10. Length of barrel, 18 in. Each	
with two spray roses, stream and elbow joint.	
Extra heavy.....	\$7.50
No. 11. Length of barrel, 18 in. with two spray roses and stream.....	6.00
Abol Syringe. The nozzle has three caps, fine, medium and coarse. With elbow for underspraying..	10.00

STYPTIC, Thomson's. To prevent bleeding of vines.	
	Bottle 1.00

SUMMER CLOUD. English greenhouse shading.	
	8-oz. pkg. .60

TUBS, New York Cedar Tree. Are made of Cedar, with extra heavy staves and hoops and will be found very strong and durable. Painted green in regular stock. Any color desired to order. Outside measurements.

	Diameter	Height	Each
No. 00	32 in.	26 in.....	\$21.00
No. 0	30 in.	24 in.....	18.50
No. 1	28 in.	22 in.....	15.50
No. 2	26 in.	20 in.....	13.00
No. 3	24 in.	18½ in.....	8.00
No. 4	22 in.	17 in.....	6.50
No. 5	20 in.	16 in.....	5.50
No. 6	18½ in.	15 in.....	4.50
No. 7	16½ in.	14 in.....	4.00
No. 8	15½ in.	13 in.....	3.50
No. 9	14 in.	12 in.....	3.00
No. 10	12 in.	9½ in.....	2.50

No. 00, 0, 1 and 2 have hook handles. Smaller sizes, drop handles. Furnished without feet unless specially ordered. 4 ft. for Nos. 00, 0, 1 and 2, 50c. each foot; 3 ft. for all others, 35c. each foot.

TUBS, Livingstone's. Made from selected Virginia white Cedar, bound with electric welded wire hoops (galvanized). Painted green, furnished without handles, or we can supply drop handles if wanted at 30c. per pair. Inside measurements.

	Diameter	Height	
No. 3	8 in.	8 in.....	.70
No. 4	9 in.	9 in.....	.75
No. 5	10 in.	9 in.....	1.00
No. 6	11 in.	10 in.....	1.30
No. 8	13 in.	12 in.....	2.00
No. 10	15 in.	14 in.....	2.50
No. 12	17 in.	16 in.....	3.50
No. 14	19 in.	18 in.....	4.25

TROWELS. Solid steel, 7 in.....	.75
8 in.....	.90

TWINE, Green Smilax	Box of 8 balls 1.50
Marline (Tarred Twine).....	Lb. .50
Hemp. All sizes.....	Lb. .75
Jute. 3- and 4-ply, for trees.....	Lb. .50

GARDEN TOOLS and SUNDRIES—Continued

WATERING POTS.

Each

Philadelphia. Long spouts, 2 copper-faced roses:	
6-qt.....	\$5.50
8-qt.....	5.50
10-qt.....	6.00
French. Oval, long spout, 2 roses, brass bow handle:	
6-qt.....	5.50
8-qt.....	6.00
10-qt.....	6.50
Hawes Pattern, 4-qt.....	
6-qt.....	6.50
8-qt.....	7.50
10-qt.....	8.50
10-qt.....	9.50

WEEDERS AND CULTIVATORS.

Eureka. Short handle, steel fingers.....	.60
Magic. Short handle, weeder and hoe combined....	.40
Norcross (Cultivator). 5-prong, 4-ft. handle.....	1.50
3-prong, 4-ft. handle.....	1.25

WHEELBARROWS. Best make. Medium size.....	8.50
Large size.....	9.50

WATER BARREL, Combination, Truck and Leaf Rack.

Truck and Water Barrel. 3 tires.....	20.00
Truck and Hand Cart Box. 3 tires.....	23.00
Truck and Leaf Rack. 3 tires.....	32.00
Extra Barrel with Trunnions	7.50
Leaf Rack Only	14.00
Hand Cart Box only	6.00
Truck Only	20.00

WALL NAILS, Chandler's English Patent.

1¼ in.....	Per box	2.00
1½ in.....	Per box	2.25
2 in.....	Per box	2.50

PLANET JR. TOOLS.

No. 11, Double and Single Wheel Hoe Combined. Equipment: 1 pair 6-in. hoes, 1 pair 4½-in. hoes; 4 steel cultivator teeth; 1 pair plows, 2 3-tooth rakes, 2 5-tooth rakes, 2 leaf lifters.....	13.75
No. 16, Single Wheel Hoe. Equipment: 1 pair 6-in. hoes, 3 cultivator teeth, 1 large garden plow, 1 7-in. rake, 1 4-in. rake, 1 leaf guard.....	9.00
No. 12, Double Wheel Hoe. Equipment: 1 pair 6-in. hoes, 4 steel cultivator teeth, 1 pair plows, 2 leaf lifters.....	10.75
No. 4, Combined Seeder and Wheel Hoe. Holds 2½ qts. Equipment: 1 pair 6-in. hoes, 3 cultivator teeth, 1 plow, 1 leaf guard, 1 marker.....	18.00
No. 25, Combined Hill and Drill Seeder, Double and Single Wheel Hoe and Cultivator and Plow. Holds 2½ qts. Equipment: 1 pair 6-in. hoes, 4 cultivator teeth 1 pair plows, 2 leaf guards, 1 marker.....	21.50
No. 8 Horse Hoe and Cultivator. Equipment: 4 3x8 in. cultivator steels, 1 4x8 in. cultivator steel, 2 6-in. hillers, 1 7-in. shovel, lever expander, depth regulator.....	17.50

INSECTICIDES**TRADE SPRAYGAS MARK**

Charles Fremd's Formula and Process

Household Insecticide**POULTRY and CATTLE SPRAY
and DEODORANT**

Spraygas kills roaches, croton bugs, bed bugs, flies, mosquitoes, fleas, moths, lice, ants and insect pests generally with neatness and dispatch.

Will not stain, poison nor explode.

Spraygas is 16 times stronger than the common used antiseptic and yet leaves a pleasing refreshing odor; quickly dispelled and nobody the wiser.

50-gal. drums.....	Per gal. \$2.75
30-gal. drums.....	Per gal. 3.00
10-gal. cans.....	Per gal. 3.25
5-gal. cans.....	Per gal. 3.50
1-gal. can.....	Per gal. 4.00
1-qt. can.....	Per qt. 1.25

For best results—apply

Spraygas with

ROBERTSON'S PATENT SPRAY PUMPS

1-quart capacity

Made of copper at.....	Each \$2.50
Made of block tin.....	Each 1.50

ABOL INSECTICIDE. An English preparation, effective on thrips, aphids, etc. Gal. \$6.00.

ANSECT (Rose Bug Killer). Highly effective when used on Rose bugs, many hard-bodied insects, red spider, mealy bug, and other garden pests. Use 1 part in 30 to 50 parts of water. Will not discolor the foliage of plants or affect the flowers. A thorough spraying is essential. 4 ozs. 30c., pt. \$1.00, gal. \$6.00.

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, caterpillars, scale and other insects and blights. Use 1 part to 40 parts of water. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

ANT DESTROYER. A non-poisonous powder. Will destroy or drive away black ants. $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

ARSENATE OF LEAD, Paste, Key Brand. For caterpillars, chewing insects, fruit flies and codling moth. Contains $15\frac{1}{2}$ per cent arsenic oxide. Mixes easily in water and will not burn foliage. Dilute 1 lb. to 20 gals. water. Lb. 35c., 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$5.00, 50 lbs. \$9.00, 100 lbs. \$17.00.

ARSENATE OF LEAD, Powdered, Key Brand. Better than Paris green and does not burn foliage. Can be used either wet or dry for dusting. With water use 1 lb. to 15 or 25 gals. Lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$8.00, 100 lbs. \$24.00.

AXFIXO. A nicotine preparation for thrips on Dahlias and other plants. 5-lb. can \$3.00.

BORDO-LEAD, Paste, Key Brand. Insecticide and fungicide. Two sprays in one. A mixture of arsenate of lead and Bordeaux mixture. Splendid for Potatoes, Apples, Pears and vegetables. 1 lb. makes $3\frac{1}{2}$ gals. ready to apply. Lb. 35c., 5 lbs. \$1.65, 10 lbs. \$2.75, 25 lbs. \$5.50, 50 lbs. \$10.00, 100 lbs. \$17.00.

BLACK LEAF 40. For spraying vegetables, fruits and flowers to destroy sucking insects. Oz. bottle 35c., $\frac{1}{2}$ lb. tin \$1.25, 2-lb. tin \$3.50, 10-lb. can \$13.50.

INSECTICIDES—Continued

BORDEAUX MIXTURE, Paste, Key Brand. 7 per cent copper. For blight, mildew, rust and fungous diseases. 1 lb. to 3 gals. of water, 5 lbs. \$1.50, 10 lbs. \$2.50, 25 lbs. \$5.00, 50 lbs. \$9.00.

BORDEAUX MIXTURE, Powder, Key Brand. 12 per cent copper. Used same as Bordeaux mixture, also for dusting dry. For spraying, use 1 lb. to 8 gals. water. Lb. 35c., 5 lbs. \$1.40, 25 lbs. \$5.50.

BUG DEATH. Is extensively used for Cabbage and Tomato worms, Potato and Cucumber bugs. Lb. 20c., 3 lbs., 55c. 5 lbs. 90c., 12½ lbs. \$1.60.

CATTLE COMFORT. Protects cattle, dogs, etc., from flies and other insects. Gal. \$2.25.

CARBOLA. A disinfecting germ-killing white paint. Used instead of whitewash for stables, chicken coops, dairies, cellars, etc. 10 lbs. make 10 gals. 5 lbs. 75c., 50 lbs. \$5.00.

COPPER SOLUTION. For mildew, Pear and Apple scab, rust on Carnations and Violets. Gal. \$4.00.

CUT WORM KILLER. This is a coarse powder for sprinkling near the plants to be protected. It is harmless to birds or chickens. 1 lb. is sufficient for 175 plants or 100 ft. of drill. Lb. 40c., 5 lbs. \$1.50, 25 lbs. \$5.00.

CYANOGEN, G Grade (Calcium cyanide). For fumigating greenhouses, mushroom beds and soils. Lb. 60c., 5 lbs. \$2.50.

CYANOGEN, Grade A. Dust. Used destroying aphids, white fly and other insects, also exterminating moles, rats, ants, etc. Lb. 60c., 5 lbs. \$2.50.

FISH-OIL SOAP. For mild forms of scale; is an excellent Summer spray, when something stronger cannot be used, where the San Jose scale exists. It is good for washing off Lemon trees, Oleanders, and almost anything that would be infested with a soft-shelled or in fact almost any kind of insect. Dissolve in water according to directions. Lb. 25c., 5 lbs. \$1.10, 10 lbs. \$2.00, 25 lbs. \$4.00, 100 lbs. \$13.00.

FORMALDEHYDE. A useful fungicide for Potato scab, rosette in Lettuce, Onion smut and fungus in soil. For Potatoes use 1 lb. to 30 gals. of water and soak the tubers about 1½ hours before planting. Lb. bottle 50c.

FUNGINE. An infallible remedy for mildew and other fungous diseases. Pt. 65c., qt. \$1.00, gal. \$3.50.

GRAPE DUST. For prevention of mildew on Roses, Grapes, Gooseberries, etc. 5-lb. pkg. 90c., 10 lbs. \$1.75, 100-lb. keg \$16.00.

HELLEBORE POWDER. For Rose slugs, Currant worms, etc. Dust on with gun or bellows while the foliage is moist. ½ lb. 30c., lb. 55c., 5 lbs. \$2.50.

KEYCIDE POWDER. A combined insecticide and fungicide. Kills bugs and prevents blight, rot, mildew and fungus. Can be used for wet spraying or dusting for fruits, vegetables and flowers. 1 lb. makes 7 gals. liquid. ½ lb. 25c., lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.50.

KEROSENE MISCIBLE OIL, Key Brand. Valuable against all soft-bodied insects. Contains 80 per cent kerosene. Qt. 90c., gal. \$2.00, 5 gals. \$9.00, 50 gals. \$55.00.

LEMON OIL. For destroying mealy bugs, scale, thrips, red spider, etc. Qt. \$1.00, gal. \$3.25.

LIME-SULPHUR SOLUTION. For San Jose scale. 1 gal. makes 15 by adding water. Qt. 45c., gal. \$1.15, 5 gals. \$4.00, 30 gals. \$11.00, bbl. (50 gals.) \$15.00.

LIME SULPHUR, Dry. Make your own solution. 1 lb. makes 4 gals. of spray. Lb. 35c., 5 lbs. \$1.40, 100 lbs. \$14.00.

LOTOL. A complete, concentrated contact remedy in jelly form. Used for all kinds of plant lice and all sap sucking insects. Use 1 teaspoonful to 1 gal. of water. Oz. tube 35c., 3-oz. tube 75c.

MELROSINE. For Rose bugs. Pt. \$1.00, qt. \$1.75, gal. \$6.00.

NICO-FUME LIQUID. For spraying or fumigating. ¼ lb. 75c., lb. \$2.25, ½ gal. \$8.00, gal. \$15.00.

NICO-FUME PAPER. For fumigating. 144 sheets \$5.50, 288 sheets \$10.00, 24 sheets \$1.25.

INSECTICIDES—Continued

NIKOTEEN. For all insects affecting plant life. Lb. \$2.50.

PARIS GREEN. $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 30c., lb. 60c., 5 lbs. \$2.50.

PARA-DICHLORO-BENZENE. For Peach tree borers. Full directions on containers. 5 lbs. \$2.50, 10 lbs. \$4.00, 25 lbs. \$11.00.

PYROX. For all leaf-eating insects, prevents blight and fungus. Lb. 50c., 5 lbs. \$2.00, 10 lbs. \$3.25, 25 lbs. \$7.50, 100 lbs. \$22.00.

SCALECIDE. For San Jose scale. 5 gals. \$6.25, 10 gals. \$10.60, 30 gals. \$28.00, 50 gals. \$40.00.

SEMESAN. A mercuric disinfectant. As a remedy for the malignant grass disease called "brown patch," Semesan alone has been successful, spectacularly so, and is now used throughout the country, both to prevent and cure attacks of this parasite on golf-courses, turf tennis-courts, baseball diamonds, and estate lawns. 2 ozs. 60c., 4 ozs. \$1.00, $\frac{1}{2}$ lb. \$1.60, lb. \$2.75, 5 lbs. \$13.00.

SLUG SHOT. Destroys all insects injurious to vegetables and plants of all kinds. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.10, keg 125 lbs. \$13.00.

SULCO-V.B. A combined contact insecticide and fungicide of unusual merit for the control of San Jose and other scale insects, aphids, white fly, pear psylla, red spider, red bug, leaf-blighter, mite, thrips, citrus rust mite, Cabbage lice, and fungous spores causing Peach-leaf curly brown, or ripe rot of peach and other stone fruits, apple and pear scab, smut and mildew on various plants, etc. Dilute 1 to 25 and up to 1 to 100, according to requirements. For prices, refer to page 117.

SULPHUR, POWDERED. For mildew on Grapes, Roses, etc. 5 lbs. \$1.00, 25 lbs. \$4.50, 100 \$12.00.

TOBACCO DUST. For dusting. 100 lbs. \$5.00, 5 lbs. 50c., lb. 15c.

TOBACCO DUST. For fumigating. 100 lbs. \$6.00.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, 3 months. 1 lb. will make a band 7 to 8 ft. long. Lb. can 60c., 5 lbs. \$2.75, 10 lbs. \$5.25, 20 lbs. \$10.00.

TREE WOUND PAINT. Stops trees bleeding, does not peel, crack, or get brittle. Gal. \$2.50, 5 gals. \$9.00, 1 qt. \$1.00.

USPULUN. For brown patch. A mercury disinfectant, successfully used for brown patch on golf courses, estates, etc. It is being used throughout the country. 5 lbs. \$15.00, 25 lbs. \$52.50.

VERMINE. For all soil vermin. Gal. \$3.00.

VERMOL. Common earthworms or "angleworms" are a decided nuisance in lawns, turf courts and putting-greens. The casts are unsightly, impair the playing qualities of greens and add greatly to the upkeep cost, as daily sweeping and rolling become necessary. To rid greens, courts or lawns of worms, apply Vermol evenly at the rate of $\frac{1}{2}$ lb. to the square yard, and flood the greens immediately. If possible, the application should be made on a warm, damp day, early in May. The worms will come to the surface, where they may be swept up. Sold in powder form. 25 lbs. \$2.25, 50 lbs. \$4.00, 100 lbs. \$6.50, 500 lbs. \$27.50, 1000 lbs. \$50.00, ton \$95.00.

WEED KILLER. 5 gals. \$6.50, 10 gals. \$12.50.

WILSON'S O. K. PLANT SPRAY. Kills plant insects, scale and mildew. Gal. \$3.00, 5 gals. \$10.00, 10 gals. \$20.00, bbl. \$90.00.

WORM ERADICATOR. For destroying worms in lawns and putting greens. 5 gals. \$17.50, 10 gals. \$34.00.

X-L-ALL INSECTICIDE. Well-known English plant spray. Kills mealy bug, red spider and all insect pests. Gal. \$8.00.

FERTILIZERS

Prices, net, F.O.B. New York, subject to change without notice

ACID PHOSPHATE. 16 per cent available phosphoric acid. Ton \$37.50.

ADCO ARTIFICIAL STABLE MANURE. Make it yourself in your own garden. The vegetable gardener can use his wastes, such as the plants of Peas, Beans, etc. or the tops of Potatoes, Beets, etc. For further information on the use of ADCO manure for farmers and truck gardeners, write for our booklet "Making Money with Manure." Each shipment is accompanied by simple directions, which make any mistake impossible. (Shipped by express or freight). 10 lbs. \$1.00; 25-lb. bags (enough for 12 wheelbarrow loads of garden waste, making $\frac{1}{2}$ ton of manure), each \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00; in special 150-lb. bags (enough for a heap 10ft.x10ft.x6ft., making about 3 tons of manure) each \$10.50.

AGRICULTURAL SALT. For top-dressing Asparagus beds, etc. Bag, 200 lbs. \$4.00, ton \$35.00.

ASHES, CANADA HARDWOOD. Quantity required. Apply 1 to 2 tons to the acre, as one heavy application will help much more than the same quantity would applied in fractions. Apply in early Spring or late Fall. 5 lbs. 35c., bbls. of about 200 lbs. \$5.00, ton in bbls. \$40.00.

BLOOD AND BONE. It is of value for garden crops, fruit trees, Grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 100 lbs. \$5.50, ton \$70.00.

BON ARBOR. This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruits and shade trees, lawn, etc. $\frac{1}{2}$ -lb. pkg. 35c., 5-lb. pkg. \$2.50, 50 lbs. \$18.00. **Bon Arbor No. 2**, composed of high grade materials. Bbl., 280 lbs. \$12.00, ton (7 bbls.) \$65.00.

CHARCOAL. Valuable for mixing with soil for potting purposes, also indispensable for Grape borders and general use. Price, in bags containing about 3 bus., all grades, \$3.00 per bag.

CLAY'S FERTILIZER. Imported. Excellent for greenhouse and pot plants. 23-lb. bag \$4.50, 56-lb. bag, \$8.00, 112-lb. bag \$13.50.

COMPLETE MANURE. A balanced fertilizer containing the three principal plant foods, ammonia (nitrogen), phosphoric acid and potash. An ideal plant food for the vegetable and flower garden.

CRUSHED BONE. Rather coarser than the above; for top-dressing for lawns and for garden and field crops. 100 lbs. \$5.00, ton \$70.00.

FARMOGERM. $\frac{1}{4}$ bu. size for Alfalfa and Clovers, 35c.; $\frac{1}{2}$ bu. size for Alfalfa and Clovers, 60c.; 1 bu. size for Alfalfa and Clovers, \$1.00; $2\frac{1}{2}$ bu. size for Alfalfa and Clovers, \$2.25; $\frac{1}{2}$ bu. size for Soy Beans, Cow Peas, Vetch, 35c.; 1 bu. size for Soy Beans, Cow Peas, Vetch, 60c.; 5 bu. size for Soy Beans, Cow Peas, Vetch, \$2.25; small garden size for garden Peas, Beans and Sweet Peas, 25c.

FLORANID (Urea). Urea possesses unusual desirable properties as a fertilizer. It is a highly concentrated nitrogen compound, readily available, possesses good physical qualities, and when used by the plant, leaves no undesirable acidic or basic residue in the soil. Lb. can 75c., 50-lb. bag \$12.00.

HYDRATED AGRICULTURAL LIME. For vegetable and flower garden, also for lawns. Use 1 lb. to 20 sq. ft.

HYPER-HUMUS. Nature's product for enriching lawns, soil for all kinds of gardening, and for stimulating potted plants. Used in making fine lawns, especially where soil is poor. 100 lbs. \$4.00, ton \$25.00, F.O.B. warehouse, N. J.

LIMAG (Hydrated Lime, Hydrated Magnesium, and Potash). For all crops. Fertilizes and sweetens soil and destroys wireworms and other pests. 100 lbs. \$3.00, 500 lbs. \$12.50, 2000 lbs. \$40.00.

FERTILIZERS—Continued

Mulford Cultures

FOR LEGUMES

For legume crops. Always specify on your order what crop you desire to inoculate, a different culture being used for each legume. Small size 35c., $\frac{1}{4}$ -acre size 75c., acre-size \$1.50, 5-acre size \$5.00.

MURIATE OF POTASH. 150 lbs. per acre. Potatoes and root crops. 5 lbs. 75c., 10 lbs. \$1.25, 25 lbs. \$3.00, 50 lbs. \$4.50, 100 lbs. \$8.00.

NITRATE OF SODA. Quantity required: Being extremely soluble, it is usually applied after the plants are above ground, 100 to 500 lbs. to the acre. 1-lb. tin 25c., 5-lb. pkg 75c., 10-lb. pkg. \$1.25, 25-lb. bag \$2.50, 50-lb. bag \$4.00, 100 lbs. \$7.00.

ORCHID PEAT. The finest for orchids and ferns. Bbl. bag \$4.50.

POTASH-MARL. Nature's plant food. Composed of potash, iron and phosphoric minerals. 100 lbs. \$2.50, ton \$40.00.

PULVERIZED SHEEP MANURE. Excellent as a top-dressing for lawns. Its effect is immediate and lasting. Apply at the rate of 1500 lbs. to the acre. It makes a rich and safe liquid manure—1 lb. to 5 gals. of water. 5 lbs. 50c., 10 lbs. 90c., 25 lbs. \$1.50, 100 lbs. \$4.50, 500 lbs. \$18.00, ton \$65.00.

PURE GROUND BONEMEAL. Finely pulverized; excellent for Rose culture. It decomposes very rapidly, and is more quickly effective than the coarser grades. It is excellent for mixing with the soil for potting. 5 lbs. 50c., 10 lbs. 90c., 25 lbs. \$1.75, 100 lbs. \$4.50, ton \$65.00.

RHODONO. The aluminum sulphate compound. For Rhododendrons, Azaleas, Heaths, Kalmia latifolia (Mountain-laurel) and all plants of the same family. *Ask for special circular.* Can be used at any time of the year and immediately brings the soil to a proper chemical condition for the natural healthy development of these plants. 100 lbs. \$5.00, ton \$85.00.

ROSE FOOD (SPRINGFIELD). Contains just what is needed for the Rose. It is a properly balanced, organic Rose food and entirely takes the place of bonemeal, sheep manure or tankage. It stimulates the vitality of the plant and produces a larger crop of more perfect blooms. 10 lbs. \$1.00, 25-lb. bag \$2.00, 100-lb. bag \$5.00, f.o.b. Springfield, N. J.

ROTTED FIBROUS PEAT. Valuable for all greenhouse plants. Bbl. bag \$3.50.

SCOTCH SOOT. A fertilizer and fungicide and an excellent preventive and remedy for mildew, blight and spot. As a fertilizer it promotes growth and heightens the color of both flower and foliage. Sold in original bags. 100-lb. bag \$7.00.

SPHAGNUM MOSS. Useful for mixing in soil for potting, also packing, etc. Bbl. bag \$2.50, 5-bbl. bales \$6.00.

SPHAGNUM MOSS, LIVE. For potting and decorating purposes, etc. Bbl. bag \$4.50.

SPRINGFIELD CARNATION FOOD. This Carnation food is not a chemical stimulant, but rather an evenly balanced, ideal organic diet. It is essentially a food of health, vitality and productiveness. 100-lb. bag \$6.00.

STIMULANT. Makes a wonder garden. A plant food in tablet form. Put a tablet under each growing plant every 10 days or dissolve in water and apply to soil. 30 tablets 25c., 100 75c., 1000 \$3.50.

TANKAGE, FINE GROUND. A very rich and strong chemical fertilizer used by all the leading growers of Roses, Carnations, etc. 100 lbs. \$6.00, ton \$75.00.

THOMSON'S VINE AND PLANT MANURE. A highly concentrated English chemical fertilizer used by the leading private gardeners in America and abroad. May be used in liquid or dry form. 56-lb. bag \$6.50, 112-lb. bag \$12.80.

For Healthier Trees and Better Fruit

Spray with SULCO-V.B.

Charles Fremd's Formula and Process

A contact insecticide and fungicide of unusual merit for spraying deciduous, fruit and ornamental trees and shrubs and many varieties of evergreens, Rhododendrons, etc.

For San Jose, oyster shell, pine scale and many other scale insects.

Young of aphid, Pear psylla, thrips and white fly, red bug, red spider and Citrus rust mite, Peach leaf curl, brown rot of Peach and other stone fruits, Apple and Pear scab and many other fungi.

Dilutes 1 to 25 for dormant spray and up to 1 to 200 for foliage sprays.

Effective, economical, clean to use.

After many years of experimenting we have found **Sulco-V. B.** to be the best combined contact insecticide and fungicide ever offered to horticulturists.

Sulco-V. B. has proven itself most efficient against the white fly, Euonymus scale, Delphinium and Snapdragon rust, also the lace-winged fly on Rhododendron, Azalea amoena and Kalmia latifolia.

The **Sulco-V. B. Spray Calendar** gives detailed information for the proper dilutions and time of application. Will be glad to send you a copy.

Prices of **Sulco-V. B.**

1 gallon.....	\$2.50
5 gallons.....	11.25
10 gallons.....	20.00
30 gallons.....	52.50
55 gallons.....	82.50

A New Department

SCIENTIFIC TREE SERVICE

PRUNING, SPRAYING, BOLTING, CHAINING

CORK-LITHOXOL (Fremd Process)

CAVITY FILLING

INSECT CONTROL

PLANT DISEASE CONTROL

Our consultant will be glad to help you with your tree and plant troubles and give you modern advice as to best methods of procedure.

We supply anything necessary for modern tree service.

John Livingstone Co., Inc.

87 Barclay Street

New York, N. Y.

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